FORM PTO-1594
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

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08-05-2002

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

8/5/02

To the Honorable Commissioner ... and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Seagate Technology LLC
920 Disc Drive
Scotts Valley, CA 95066

8-5-02

- ☐ Individual(s)
- ☐ General Partnership
- ☐ Corporation-State
- ☒ Other Limited Liability Company
- ☐ Association
- ☐ Limited Partnership

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: JPMorgan Chase Bank, as Collateral Agent

Internal Address:

Street Address: 270 Park Avenue

City: New York State: NY ZIP: 10017

- ☐ Individual(s) citizenship
- ☐ Association
- ☐ General Partnership
- ☐ Limited Partnership
- ☒ Corporation-State NY
- ☐ Other

If assignee is not domiciled in the United States, a domestic represetative designation is attached: ☐ Yes ☐ No
(Designations must be a separate document from assignment)
Additional name(s) & address(es) attached? ☐ Yes ☐ No

3. Nature of conveyance:

- ☐ Assignment
- ☒ Security Agreement
- ☐ Other
- ☐ Merger
- ☐ Change of Name

Execution Date: May 13, 2002

4. Application number(s) or patent number(s):

A. Trademark Application No.(s)

SEE ATTACHED SCHEDULE

B. Trademark Registration No.(s)

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Penelope Agodoa

Internal Address: Federal Research Corporation

Suite 101

Street Address: 400 Seventh St., NW

City: Washington State: DC ZIP: 20004

6. Total number of applications and registrations involved: 124

7. Total fee (37 CFR 3.41).....$ 3115.00

- ☐ Enclosed
- ☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

08/06/2002 TDIAZ1 00000036 73722327

DO NOT USE THIS SPACE

01 FC:481 40.00 OP
02 FC:482 2475.00 OP
03 FC:483 600.00 OP

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

MacKenzie C. Henry
Name of Person Signing

MacKenzie C. Henry
Signature

May 13, 2002
Date

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Schedule V – "Trademarks"
Owner: Seagate Technology LLC

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
ACCUTRAK	United States	73-722327	1,574,452	14-Apr-1988	02-Jan-1990
ACCUTRAK	United States	722328	1,574,453	14-Apr-1988	02-Jan-1990
AGENT ACCELERATOR	United States	74/666,951	2,074,899	27-Apr-1995	01-Jul-1997
ARCADA	United States	74/471,870	1,949,477	16-Dec-1993	16-Jan-1996
ARDAT	United States	74/077,490	1,682,711	12-Jul-1990	14-Apr-1992
BACKUP BASICS	United States	74/411,498	1,899,678	09-Jul-1993	13-Jun-1995
BACKUP EXEC	United States	74/356,958	1,988,765	08-Feb-1993	23-Jul-1996
BACKUP FOR THE FUTURE	United States	74/008,976	1,612,818		11-Sep-1990
BARRACUDA	United States	74/369,484	1,962,620	17-Mar-1993	19-Mar-1996
BARRACUDA	United States	74/713519	1,993,290	10-Aug-1995	13-Aug-1996
BARRACUDA AND DESIGN	United States	74/541127	1,992,372	24-Jun-1994	13-Aug-1996
BARRACUDA AND DESIGN	United States	74/541128	2,013,010	22-Jun-1994	05-Nov-1996
CACHETAPE & DESIGN	United States	73/446,301	1,332,960	03-Oct-1983	30-Apr-1985
CHEETAH	United States	75/137270	2,121,110	19-Jul-1996	16-Dec-1997
CHEETAH	United States	75/100711	2,129,848	08-May-1996	20-Jan-1998
CHEETAH	United States	75/190594	2,166,947	31-Oct-1996	23-Jun-1998
CIERA	United States	74/301,199	1,807,164	03-Aug-1992	30-Nov-1993
CONNER	United States		1,748,245		26-Jan-1993
CONNER	United States	74/240,114	1,752,317	24-Jan-1992	16-Feb-1993
CONNER	United States	74/614,092	1,950,870	22-Dec-1994	23-Jan-1996

20

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
CONNER	United States	74/614,097	1,957,517	22-Dec-1994	20-Feb-1996
DISK-STOR	United States	74/605,868	1,985,108	02-Dec-1994	09-Jul-1996
ELITE	United States	74/161896	1780069	29-Apr-1991	06-Jul-1993
EXPRESS	United States	75/251095	2194857	04-Mar-1997	13-Oct-1998
EZ	United States	773,514	1,591,759	09-Jan-1989	17-Apr-1990
FINCH	United States	334,554	1228298	28-Oct-1981	22-Feb-1983
HAWK	United States	74/546,875	1,999,013	07-Jul-1994	10-Sep-1996
HYDROHEAD	United States	74/013,122	1,643,147	22-Dec-1989	30-Apr-1991
IMPRIMIS	United States	73/742614	1553545	27-Jul-1988	29-Aug-1989
INFORMATION, THE WAY YOU WANT IT.	United States	75/382590	2371466	31-Oct-1997	25-Jul-2000
LANSTREAM	United States	74/108,517	1,692,679	23-Oct-1990	09-Jun-1992
LARK	United States	323,235	1,237,121	11-Aug-1981	10-May-1983
MARATHON	United States	74/645809	2,078,322	07-Mar-1995	15-Jul-1997
MARATHON	United States	74/645810	2,078,323	07-Mar-1995	15-Jul-1997
MEDALIST	United States	74-673,201	1,965,644	02-May-1995	02-Apr-1996
MEDALIST	United States	74/673,226	1,965,645	02-May-1995	02-Apr-1996
MICROSTREAMER	United States	73/323,923	1,223,239	17-Aug-1981	11-Jan-1983
OPTIMEM	United States	73/609,947	1,442,873	17-Jul-1986	16-Jun-1987
QUARTERBACK	United States	73/414,724	1,274,211	24-Feb-1983	17-Apr-1984
S DESIGN	United States	300,124	1,224,002	09-Mar-1981	18-Jan-1983

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
	States				
SEABOARD	United States	74/422,845	1,901,011	09-Aug-1993	20-Jun-1995
SEAFAX	United States	74/417,655	1,860,117	23-Jul-1993	25-Oct-1994
SEAFONE	United States	74/422841	1,862,888	09-Aug-1993	15-Nov-1994
SEAGATE	United States	410,667	1,269,032	24-Jan-1983	06-Mar-1984
SEAGATE	United States	74/306435	2,024,197	20-Aug-1992	17-Dec-1996
SEAGATE	United States	75/592,839	2,407,743	20-Nov-1998	28-Nov-2000
SEAGATE SOFTWARE	United States	74/306375	2,024,196	20-Aug-1992	17-Dec-1996
SEAGATE TECHNOLOGY	United States	73/343,481	1,238,123	28-Dec-1981	17-May-1983
SEASHELL	United States	75/777524	75/777524	16-Aug-1999	09-Apr-2002
SEASHIELD	United States	75/216161	2,136,962	20-Dec-1996	17-Feb-1998
SERIES 9000	United States	73/559,372	1,431,750	20-Sep-1985	10-Mar-1987
SOF STOR	United States	74/294,279	1,489,121	14-Jul-1992	
STORAGE EXEC	United States	74/411572	1,896,845	09-Jul-1993	30-May-1995
STORAGE SOLUTIONS	United States	738,056	1,552,622	05-Jul-1988	
SUPPORT PLUS	United States	74/076,339	1,694,997	09-Jul-1990	16-Jun-1992
SY-TOS	United States	643,012	1,458,092	05-Feb-1987	22-Sep-1987
SY-TOS PLUS	United States		1,583,463		20-Feb-1990
SYTRON	United States	73/769506	1,550,014	15-Dec-1988	01-Aug-1989
THE STORAGE ANSWER	United States	74/371,397	1,807,271	22-Mar-1993	30-Nov-1993

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
CONNER	Spain	1,949,599		22-Feb-1995	
IMPRIMIS	Spain	1271042		26-Aug-1988	
S DESIGN	Spain	1.208.601		28-Aug-1987	
SEAGATE	Spain	1.208.602S		28-Aug-1987	
S DESIGN	Sri Lanka	98449		21-Jun-2000	
S DESIGN	Sri Lanka	98447		21-Jun-2000	
SEAGATE	Sri Lanka	98448		21-Jun-2000	
SEAGATE	Sri Lanka	98446		21-Jun-2000	
IMPRIMIS	Sweden	88/06347		28-Jul-1988	
CONNER	Switzerland	Z-144076			
IMPRIMIS	Taiwan	(77)35576		02-Aug-1988	
OAW	Taiwan	87035415		21-Jul-1998	
SEAGATE TECHNOLOGY	Turkey				
S DESIGN	United Arab Emirates	29709		13-Jan-1999	
SEAGATE	United Arab Emirates	29710		13-Jan-1999	
CONNER	United Kingdom				
ELITE	United Kingdom	1525405		28-Jan-1993	
AEGEAN	United States	74/326,961		29-Oct-1992	
ALLEGHENY	United States	74/326,632		28-Oct-1992	
APPSPACK	United States	74/266,409		16-Apr-1992	
ASTORA	United States	74/474,990		28-Dec-1993	
AV PROFESSIONAL	United States				
BACKUP ADMIN	United States				
BACKUP MANAGER	United States	74/411,570		09-Jul-1993	
BAJA	United States	74/326,959		29-Oct-1992	

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Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
CAYMAN	United States				
DECATHLON	United States				
DECATHLON	United States	74/689912		16-Jun-1995	
DECATHLON	United States	74/689941		16-Jun-1995	
DERRINGER	United States	74/326,633		28-Oct-1992	
DISC DATA MANAGER	United States	740,594		18-Jul-1988	
DMS	United States				
EDRIVE	United States	75/756349		20-Jul-1999	
Excellence Through Ownership Quality I Own It	United States				
FAX EXEC	United States	74/363,185		23-Feb-1993	
FIRST NAME IN STORAGE	United States				
FLASH STOR	United States	74/326,579		28-Oct-1992	
HAND DESIGN	United States				
HIGH IQ	United States				
I'M COMMITTED TO QUALITY	United States				
INFINET VIEW ADVANTAGE	United States	74/632,012			
INFORMATION HOW, WHEN AND WHERE YOU NEED IT	United States	75/382779		31-Oct-1997	
INFORMATION HOW, WHEN AND WHERE YOU WANT IT	United States	75/382591		31-Oct-1997	

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Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
INFORMATION, THE WAY YOU NEED IT.	United States	75/382776		31-Oct-1997	
JAGUAR	United States	74/326582		28-Oct-1992	
KWIK STOR	United States				
MARQUIS	United States	74/298,193		27-Jul-1992	
MEGA STOR	United States				
MONTEREY	United States	74/326,921		29-Oct-1992	
MOVIESTOR	United States	75/680087		12-Apr-1999	
N.O.S.	United States	74/154200		02-Apr-1991	
OAW	United States	75/433996		13-Feb-1998	
PIRANHA	United States	74/153761		02-Apr-1991	
READYPACK	United States	74/266,315		16-Apr-1992	
S DESIGN	United States	74/644106		09-Mar-1995	
SANBLAST	United States	75/853,917		19-Nov-1999	
SANCENTER	United States	75/853,916		19-Nov-1999	
SANCENTRAL	United States	75/853,760		19-Nov-1999	
SANMARK	United States	75/804149		16-Sep-1999	
SANPOWER	United States	75/853,934		19-Nov-1999	
SAVANNA	United States				
SEABENCH	United States	74/065221		04-Jun-1990	
SEACARD	United	74/065222		04-Jun-1990	

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
	States				
SEAGATE	United States	74/645892		09-Mar-1995	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/284153		30-Apr-1997	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE AV PROFESSIONAL	United States				
SEAGATE EXPRESS	United States	75/194964		08-Nov-1996	
SEAGATE SOFTWARE	United States	74/284183		30-Apr-1997	
SEAGATE TECHNOLOGY	United States	74/306434		20-Aug-1992	
SEAGATE TECHNOLOGY	United States	74/306434		20-Aug-1992	
SEASHELL	United States	75/777523		16-Aug-1999	
SEASTREAM	United States	75/751004		16-Jun-1999	

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
SEATDD	United States	74/435584		03-Sep-1993	
SPRINT	United States	74/554168		27-Jul-1994	
STORAGE DIRECTOR	United States	74/411,571		09-Jul-1993	
STORAGE INNOVATIONS	United States	74/113662		08-Nov-1990	
STORAGE VIEW	United States				
THERE IS ONLY ONE IMPORTANT PIECE OF INFORMATION	United States	75/382781		31-Oct-1997	
THERE IS ONLY ONE IMPORTANT PIECE OF INFORMATION	United States	75/382780		31-Oct-1997	
THERE IS ONLY ONE IMPORTANT PIECE OF INFORMATION	United States	75/382855		31-Oct-1997	
THERE IS ONLY ONE IMPORTANT PIECE OF INFORMATION	United States	75/382592		31-Oct-1997	
TRIGGER	United States	74/326,586		28-Oct-1992	
VDRIVE	United States	75/756179		20-Jul-1999	
WHERE IDEAS LIVE	United States				
WINDISCOVER	United States	74/564,634		23-Aug-1994	
ZBR	United States	74/063385		29-May-1990	
ZONE BIT RECORDING	United States	74/064473		29-May-1990	
ZORRO	United States	74/326,580		28-Oct-1992	
IMPRIMIS	Uruguay				

U.S. SECURITY AGREEMENT dated as of May 13, 2002, among SEAGATE TECHNOLOGY HDD HOLDINGS, an exempted limited liability company organized under the laws of the Cayman Islands (the "*Cayman Borrower*"), SEAGATE TECHNOLOGY (US) HOLDINGS, INC., a Delaware corporation (the "*U.S. Borrower*" and, together with the Cayman Borrower, the "*Borrowers*"), each subsidiary of the Cayman Borrower listed on Schedule I hereto (each such subsidiary individually, a "*Subsidiary*" or a "*Guarantor*" and, collectively, the "*Subsidiaries*" and, together with the Borrowers, the "*Grantors*") and JPMORGAN CHASE BANK, a New York banking corporation, as collateral agent (in such capacity, the "*Collateral Agent*") for the Secured Parties (as defined herein).

Reference is made to (a) the Credit Agreement dated as of May 13, 2002 (as amended, supplemented or otherwise modified from time to time, the "*Credit Agreement*"), among the Borrowers, Seagate Technology Holdings, the lenders from time to time party thereto (the "*Lenders*") and JPMorgan Chase Bank, as administrative agent for the Lenders (in such capacity, the "*Administrative Agent*"), and (b) the U.S. Guarantee Agreement dated as of May 13, 2002 (as amended, supplemented or otherwise modified from time to time, the "*U.S. Guarantee Agreement*"), among the Guarantors (as defined therein) and the Collateral Agent.

The Lenders have agreed to make Loans to the Borrowers, and the Issuing Banks have agreed to issue Letters of Credit for the account of the Cayman Borrower, pursuant to, and upon the terms and subject to the conditions specified in, the Credit Agreement. Each of the Guarantors has agreed to guarantee, among other things, all the obligations of the Borrowers under the Credit Agreement. The obligations of the Lenders to make Loans and of the Issuing Banks to issue Letters of Credit are conditioned upon, among other things, the execution and delivery by the Grantors of an agreement in the form hereof to secure (a) the due and punctual payment of (i) the principal of and premium, if any, and interest (including interest accruing during the pendency of any bankruptcy, insolvency, receivership or other similar proceeding, regardless of whether allowed or allowable in such proceeding) on the Loans, when and as due, whether at maturity, by acceleration, upon any one or more dates set for prepayment or otherwise, (ii) each payment required to be made by either Borrower under the Credit Agreement in respect of any Letter of Credit, when and as due, including payments in respect of reimbursement of disbursements made by any Issuing Bank with respect thereto, interest thereon and obligations to provide, under certain circumstances, cash collateral in connection therewith, and (iii) all other monetary obligations, including fees, costs, expenses and indemnities, whether primary, secondary, direct, contingent, fixed or otherwise (including monetary obligations incurred during the pendency of any bankruptcy, insolvency, receivership or other similar proceeding, regardless of whether allowed or allowable in such proceeding), of the Loan Parties to the Secured Parties under the Credit Agreement and the other Loan Documents, (b) the due and punctual performance of all covenants, agreements, obligations and liabilities of the Loan Parties under or pursuant to the Credit Agreement and the other Loan Documents, (c) unless otherwise agreed to in writing by the applicable Lender (or Affiliate of a Lender) party thereto, the due and punctual payment and performance of all obligations of either Borrower or any other Loan Party, monetary or otherwise, under each Swap Agreement entered into with a counterparty that was a Lender (or an Affiliate of a Lender) at the time such Swap Agreement was entered into and (d) the due and punctual payment and performance of all obligations in respect of overdrafts and related liabilities owed to the Administrative Agent or any of its Affiliates and arising from treasury, depositary and cash management services in connection with any automated clearing house transfers of funds (all the monetary and other obligations described in the preceding clauses (a) through (d) being collectively called the "Obligations").

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Accordingly, the Grantors and the Collateral Agent, on behalf of itself and each Secured Party (and each of their respective successors or assigns), hereby agree as follows:

ARTICLE I

Definitions

SECTION 1.01. Definition of Terms Used Herein. Unless the context otherwise requires, all capitalized terms used but not defined herein shall have the meanings set forth in the Credit Agreement. All terms defined in the Uniform Commercial Code as in effect in the State of New York ("UCC") and not defined in this Agreement have the meanings specified therein; the term "instrument" shall have the meaning specified in Article 9 of the UCC.

SECTION 1.02. Definition of Certain Terms Used Herein. As used herein, the following terms shall have the following meanings:

"Account Debtor" shall mean any Person who is or who may become obligated to any Grantor under, with respect to or on account of an Account.

"Accounts Receivable" shall mean all "Accounts" (as defined in the UCC) and all right, title and interest in any returned goods, together with all rights, titles, securities and guarantees with respect thereto, including any rights to stoppage in transit, replevin, reclamation and resales, and all related security interests, liens and pledges, whether voluntary or involuntary, in each case whether now existing or owned or hereafter arising or acquired.

"Cash Account" shall have the meaning assigned to such term in Section 5.01.

"Collateral" shall mean all (a) Accounts Receivable, (b) Chattel Paper, (c) Deposit Accounts, (d) Documents, (e) Equipment, (f) General Intangibles, (g) Instruments, (h) Inventory, (i) Investment Property, (j) Letter-of-credit rights, (k) cash, (l) all books and records pertaining to the foregoing and (m) to the extent not otherwise included, all Proceeds and products of any and all of the foregoing and all collateral, security and guarantees given by any Person with respect to any of the foregoing.

"Commodity Account" shall mean an account maintained by a Commodity Intermediary in which a Commodity Contract is carried out for a Commodity Customer.

"Commodity Contract" shall mean a commodity futures contract, an option on a commodity futures contract, a commodity option or any other contract that, in each case, is (a) traded on or subject to the rules of a board of trade that has been designated as a contract market for such a contract pursuant to the federal commodities laws or (b) traded on a foreign commodity board of trade, exchange or market, and is carried on the books of a Commodity Intermediary for a Commodity Customer.

"Commodity Customer" shall mean a Person for whom a Commodity Intermediary carries a Commodity Contract on its books.

"Commodity Intermediary" shall mean (a) a Person who is registered as a futures commission merchant under the federal commodities laws or (b) a Person who in the ordinary course of its business provides clearance or settlement services for a board of trade that has been designated as a contract market pursuant to federal commodities laws.

"Copyright License" shall mean any written agreement, now or hereafter in effect, granting any right to any third party under any Copyright now or hereafter owned by any Grantor or that such Grantor otherwise has the right to license, or granting any right to such Grantor

TRADEMARK
REEL: 002548 FRAME: 0011

under any Copyright now or hereafter owned by any third party, and all rights of such Grantor under any such agreement.

"Copyrights" shall mean all of the following now owned or hereafter acquired by any Grantor: (a) all copyright rights in any work subject to the copyright laws of the United States or any other country, whether as author, assignee, transferee or otherwise, and (b) all registrations and applications for registration of any such copyright in the United States or any other country, including registrations, supplemental registrations and pending applications for registration in the United States Copyright Office, including those listed on Schedule II.

"Credit Agreement" shall have the meaning assigned to such term in the preliminary statement of this Agreement.

"Deposit Bank" means the financial institution serving as Deposit Bank as provided in Section 5.01.

"Depository Agreement" means the Depository Agreement relating to the Cash Account, and substantially in the form of Annex 3 hereto, among Seagate Technology LLC, the Collateral Agent and the Deposit Bank.

"Documents" shall mean all instruments, files, records, ledger sheets and documents covering or relating to any of the Collateral.

"Entitlement Holder" shall mean a Person identified in the records of a Securities Intermediary as the Person having a Security Entitlement against the Securities Intermediary. If a Person acquires a Security Entitlement by virtue of Section 8-501(b)(2) or (3) of the UCC, such Person is the Entitlement Holder.

"Equipment" shall mean "equipment" (as defined in the UCC) of any Grantor and shall include all equipment, furniture and furnishings, and all tangible personal property similar to any of the foregoing, including tools, parts and supplies of every kind and description, and all improvements, accessions or appurtenances thereto, that are now or hereafter owned by any Grantor. The term Equipment shall include Fixtures.

"Existing Security Agreement" shall mean the Security Agreement dated as of November 22, 2000, among Seagate Technology International, as the Cayman borrower, Seagate Technology (US) Holdings, as the U.S. borrower, New SAC, each subsidiary listed in Schedule I attached thereto and JPMorgan Chase Bank (formerly known as the Chase Manhattan Bank), as collateral agent.

"Financial Asset" shall mean (a) a Security, (b) an obligation of a Person or a share, participation or other interest in a Person or in property or an enterprise of a Person, which is, or is of a type, dealt with in or traded on financial markets, or that is recognized in any area in which it is issued or dealt in as a medium for investment or (c) any property that is held by a Securities Intermediary for another Person in a Securities Account if the Securities Intermediary has expressly agreed with the other Person that the property is to be treated as a Financial Asset under Article 8 of the UCC. As the context requires, the term Financial Asset shall mean either the interest itself or the means by which a Person's claim to it is evidenced, including a certificated or uncertificated Security, a certificate representing a Security or a Security Entitlement.

"Fixtures" shall mean all items of Equipment, whether now owned or hereafter acquired, of any Grantor that become so related to particular real estate that an interest in them arises under any real estate law applicable thereto.

"General Intangibles" shall mean all "General Intangibles" (as defined in the UCC) of any Grantor and shall include choses in action and causes of action and all other assignable intangible personal property of any Grantor of every kind and nature (other than Accounts Receivable) now owned or hereafter acquired by any Grantor, including corporate or other business records, indemnification claims, contract rights (including rights under leases, whether entered into as lessor or lessee, Swap Agreements and other agreements), Intellectual Property, Internet domain names, goodwill, registrations, franchises, tax refund claims and any letter of credit, guarantee, claim, security interest or other security held by or granted to any Grantor to secure payment by an Account Debtor of any of the Accounts Receivable.

"Intellectual Property" shall mean all intellectual and similar property of any Grantor of every kind and nature now owned or hereafter acquired by any Grantor, including inventions, designs, Patents, Copyrights, rights under any License, Licenses, Trademarks, trade secrets, confidential or proprietary technical and business information, know-how, show-how or other confidential or proprietary data or information, software and databases.

"Inventory" shall mean "inventory" (as defined in the UCC) of any Grantor and shall include all goods of any Grantor, whether now owned or hereafter acquired, held for sale or lease, or furnished or to be furnished by any Grantor under contracts of service, or consumed in any Grantor's business, including raw materials, intermediates, work in process, packaging materials, finished goods, semi-finished inventory, scrap inventory, manufacturing supplies and spare parts, and all such goods that have been returned to or repossessed by or on behalf of any Grantor.

"Investment Property" shall mean all Securities (whether certificated or uncertificated), Security Entitlements, Securities Accounts, Commodity Contracts and Commodity Accounts of any Grantor, whether now owned or hereafter acquired by any Grantor.

"License" shall mean any Patent License, Trademark License, Copyright License or other license or sublicense of intellectual and similar property of any Grantor of every kind and nature now owned or hereafter acquired by any Grantor to which any Grantor is a party, including those listed on Schedule III. Notwithstanding the foregoing, the term "License" shall not include (a) any license or sublicense of intellectual property under which the licensor is a Person that is not a Core Loan Party if (i) such license or sublicense of intellectual property is held by a Grantor on the date hereof and is listed on Schedule VI or (ii) such license or sublicense of intellectual property is acquired by a Grantor after the date hereof, to the extent that such license or sublicense prohibits the granting of a security interest over such license or sublicense or over the intellectual property that is the subject of such license or sublicense to the Collateral Agent for the benefit of the Secured Parties, *provided* that, in the case of clause (ii), such Grantor and the Cayman Borrower has used commercially reasonable efforts to prevent the inclusion of such restrictions in the relevant license or sublicense and (b) any license or sublicense of intellectual property to the extent that any applicable law of any Governmental Authority prohibits the granting of a security interest over such license or sublicense or over the intellectual property that is the subject of such license or sublicense to the Collateral Agent for the benefit of the Secured Parties, *provided further*, in the case of clauses (a)(ii) and (b), that the exclusion of any license or sublicense from the definition of the term License pursuant to this sentence shall not, individually or in the aggregate, result in a Material Adverse Effect.

"Obligations" shall have the meaning assigned to such term in the preliminary statement of this Agreement.

"Patent License" shall mean any written agreement, now or hereafter in effect, granting to any third party any right to make, use or sell any invention under a Patent, now or hereafter owned by any Grantor or that any Grantor otherwise has the right to license, or granting to any Grantor any right to make, use or sell any invention under a Patent, now or hereafter owned by any third party, and all rights of any Grantor under any such agreement.

"Patents" shall mean all of the following now owned or hereafter acquired by any Grantor: (a) all letters patent of the United States or the equivalent thereof in any other country, all registrations and recordings thereof, and all applications for letters patent of the United States or the equivalent thereof in any other country, including registrations, recordings and pending applications in the United States Patent and Trademark Office or any similar offices in any other country, including those listed on Schedule IV and (b) all reissues, continuations, divisions, continuations-in-part, renewals or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein.

"Perfection Certificate" shall mean a certificate substantially in the form of Annex 1 hereto, completed and supplemented with the schedules and attachments contemplated thereby, and duly executed by an executive officer or Financial Officer of Intermediate Holdings.

"Proceeds" shall mean "proceeds" (as defined in the UCC) of any Grantor and shall include any consideration received from the sale, exchange, license, lease or other disposition of any asset or property that constitutes Collateral, any value received as a consequence of the possession of any Collateral and any payment received from any insurer or other Person or entity as a result of the destruction, loss, theft, damage or other involuntary conversion of whatever nature of any asset or property that constitutes Collateral, and shall include (a) all cash and negotiable instruments received by or held on behalf of the Collateral Agent pursuant to Section 5.01, (b) any claim of any Grantor against any third party for (and the right to sue and recover for and the rights to damages or profits due or accrued arising out of or in connection with) (i) past, present or future infringement of any Patent now or hereafter owned by any Grantor, or licensed under a Patent License, (ii) past, present or future infringement or dilution of any Trademark now or hereafter owned by any Grantor or licensed under a Trademark License or injury to the goodwill associated with or symbolized by any Trademark now or hereafter owned by any Grantor, (iii) past, present or future breach of any License and (iv) past, present or future infringement of any Copyright now or hereafter owned by any Grantor or licensed under a Copyright License and (c) any and all other amounts from time to time paid or payable under or in connection with any of the Collateral.

"Secured Parties" shall mean (a) the Lenders, (b) the Issuing Banks, (c) the Administrative Agent (and any Affiliate of the Administrative Agent to which any Obligation referred to in clause (d) of the third sentence of the second paragraph of the preliminary statement of this Agreement is owed), (d) the Collateral Agent, (e) each counterparty to a Swap Agreement entered into with either Borrower or any other Loan Party if such counterparty was a Lender (or an Affiliate of a Lender) at the time the Swap Agreement was entered into, (f) the beneficiaries of each indemnification obligation undertaken by any Grantor under any Loan Document and (g) the successors and assigns of each of the foregoing.

"Securities" shall mean any obligations of an issuer or any shares, participations or other interests in an issuer or in property or an enterprise of an issuer that (a) are represented by a certificate representing a security in bearer or registered form, or the transfer of which may be registered upon books maintained for that purpose by or on behalf of the issuer, (b) are one of a class or series or by its terms is divisible into a class or series of shares, participations, interests or obligations and (c)(i) are, or are of a type, dealt with or traded on securities exchanges or securities markets or (ii) are a medium for investment and by their terms expressly provide that they are a security governed by Article 8 of the UCC.

"Securities Account" shall mean an account to which a Financial Asset is or may be credited in accordance with an agreement under which the Person maintaining the account undertakes to treat the Person for whom the account is maintained as entitled to exercise rights that comprise the Financial Asset.

TRADEMARK
REEL: 002548 FRAME: 0014

"Securities Intermediary" shall mean (a) a clearing corporation or (b) a Person, including a bank or broker, that in the ordinary course of its business maintains securities accounts for others and is acting in that capacity.

"Security Entitlements" shall mean the rights and property interests of an Entitlement Holder with respect to a Financial Asset.

"Security Interest" shall have the meaning assigned to such term in Section 2.01.

"Trademark License" shall mean any written agreement, now or hereafter in effect, granting to any third party any right to use any Trademark now or hereafter owned by any Grantor or that any Grantor otherwise has the right to license, or granting to any Grantor any right to use any Trademark now or hereafter owned by any third party, and all rights of any Grantor under any such agreement.

"Trademarks" shall mean all of the following now owned or hereafter acquired by any Grantor: (a) all trademarks, service marks, trade names, corporate names, company names, business names, fictitious business names, trade styles, trade dress, logos, other source or business identifiers, designs and general intangibles of like nature, now existing or hereafter adopted or acquired, all registrations and recordings thereof, and all registration and recording applications filed in connection therewith, including registrations and registration applications in the United States Patent and Trademark Office, any State of the United States or any similar offices in any other country or any political subdivision thereof, and all extensions or renewals thereof, including those listed on Schedule V and (b) all goodwill associated therewith or symbolized thereby.

SECTION 1.03. Rules of Interpretation. The rules of interpretation specified in Section 1.03 of the Credit Agreement shall be applicable to this Agreement.

ARTICLE II

Security Interest

SECTION 2.01. Security Interest. As security for the payment or performance, as the case may be, in full of the Obligations, each Grantor hereby bargains, sells, conveys, assigns, sets over, mortgages, pledges, hypothecates and transfers to the Collateral Agent, its successors and assigns, for the ratable benefit of the Secured Parties, and hereby grants to the Collateral Agent, its successors and assigns, for the ratable benefit of the Secured Parties, a security interest in, all of such Grantor's right, title and interest in, to and under the Collateral (the "Security Interest"). Without limiting the foregoing, the Collateral Agent is hereby authorized at any time and from time to time to file one or more financing statements (including fixture filings), continuation statements, filings with the United States Patent and Trademark Office or United States Copyright Office (or any successor office or any similar office in any other country) or other documents for the purpose of perfecting, confirming, continuing, enforcing or protecting the Security Interest granted by each Grantor, without the signature of any Grantors, and naming any Grantor or the Grantors as debtors and the Collateral Agent as secured party.

SECTION 2.02. No Assumption of Liability. The Security Interest is granted as security only and shall not subject the Collateral Agent or any other Secured Party to, or in any way alter or modify, any obligation or liability of any Grantor with respect to or arising out of the Collateral.

ARTICLE III

Representations and Warranties

The Grantors jointly and severally represent and warrant to the Collateral Agent and the Secured Parties that:

SECTION 3.01. Title and Authority. Each Grantor has good title to all Collateral material to its business and with respect to which it has purported to grant a Security Interest hereunder except for minor defects in title that do not interfere with its ability to conduct its business as currently conducted or to utilize such Collateral for its intended purposes subject to Permitted Encumbrances, and has full power and authority to grant to the Collateral Agent the Security Interest in such Collateral pursuant hereto and to execute, deliver and perform its obligations in accordance with the terms of this Agreement, without the consent or approval of any other Person other than any consent or approval that has been obtained.

SECTION 3.02. Filings. The Perfection Certificate has been duly prepared, completed and executed and the information set forth therein includes the exact legal name of each Grantor and otherwise is correct and complete in all material respects. UCC financing statements (including the fixture filings listed on Schedule VII) or other appropriate filings, recordings or registrations containing a description of the Collateral as "all assets" or "all personal property" have been delivered to the Collateral Agent for filing in each governmental, municipal or other office specified in Schedule 6 to the Perfection Certificate, which are all the filings, recordings and registrations (other than filings necessary to perfect a security interest in Fixtures and filings, if any, required to be made in the United States Patent and Trademark Office and the United States Copyright Office in order to perfect the Security Interest in Collateral consisting of United States Patents, Trademarks and Copyrights) that are necessary to publish notice of and protect the validity of and to establish a legal, valid and perfected security interest in favor of the Collateral Agent (for the ratable benefit of the Secured Parties) in respect of all Collateral in which the Security Interest may be perfected by filing, recording or registration in the United States (or any political subdivision thereof) and its territories and possessions, and no further or subsequent filing, refiling, recording, rerecording, registration or reregistration is necessary in any such jurisdiction, except as provided under applicable law with respect to the filing of continuation statements.

SECTION 3.03. Validity of Security Interest. The Security Interest constitutes (a) a legal and valid security interest in all the Collateral securing the payment and performance of the Obligations, (b) subject to the filings described in Section 3.02 above, a perfected security interest in all Collateral in which a security interest may be perfected by filing (except Fixtures related to any piece of real estate that is neither (i) a Mortgaged Property nor (ii) subject to a fixture filing listed on Schedule VII), recording or registering a financing statement or analogous document in the United States (or any political subdivision thereof) and its territories and possessions pursuant to the UCC or other analogous applicable law in such jurisdictions and (c) a security interest that shall be perfected in all Collateral in which a security interest may be perfected upon the receipt and proper recording of this Agreement with the United States Patent and Trademark Office and the United States Copyright Office, as applicable, within the three month period (commencing as of the date hereof) pursuant to 35 U.S.C. §261 or 15 U.S.C. §1060 or the one month period (commencing as of the date hereof) pursuant to 17 U.S.C. §205 and otherwise as may be required to pursuant to the laws of any other necessary jurisdiction in the United States (or any political subdivision thereof) and its territories and possessions. The Security Interest is and shall be prior to any other Lien on any of the Collateral, other than Liens expressly permitted pursuant to Section 6.02 of the Credit Agreement.

SECTION 3.04. Absence of Other Liens. The Collateral is owned by the Grantors free and clear of any Lien, except for Liens expressly permitted pursuant to Section 6.02 of the Credit Agreement. No Grantor has filed or consented to the filing of (a) any financing statement or analogous document under the UCC or any other applicable laws covering any Collateral, (b) any assignment in which any Grantor assigns any Collateral or any security agreement or similar

instrument covering any Collateral with the United States Patent and Trademark Office or the United States Copyright Office or (c) any assignment in which any Grantor assigns any Collateral or any security agreement or similar instrument covering any Collateral with any foreign governmental, municipal or other office, which financing statement or analogous document, assignment, security agreement or similar instrument is still in effect, except, in each case, for Liens expressly permitted pursuant to Section 6.02 of the Credit Agreement.

ARTICLE IV

Covenants

SECTION 4.01. Records. Each Grantor agrees to maintain, at its own cost and expense, such complete and accurate records with respect to the Collateral owned by it as is consistent with its current practices, but in any event to include complete accounting records indicating all payments and proceeds received with respect to any material part of the Collateral.

SECTION 4.02. Protection of Security. Each Grantor shall, at its own cost and expense, take any and all commercially reasonable actions necessary to defend title to the Collateral against all Persons and to defend the Security Interest of the Collateral Agent in the Collateral and the priority thereof against any Lien not expressly permitted pursuant to Section 6.02 of the Credit Agreement.

SECTION 4.03. Further Assurances. Each Grantor agrees, at its own expense, to execute, acknowledge, deliver and cause to be duly filed all such further instruments and documents and take all such actions as the Collateral Agent may from time to time reasonably request to better assure, preserve, protect and perfect the Security Interest and the rights and remedies created hereby, including the payment of any fees and taxes required in connection with the execution and delivery of this Agreement, the granting of the Security Interest and the filing of any financing statements (including fixture filings) or other documents in connection herewith or therewith. If any amount payable under or in connection with any of the Collateral shall be or become evidenced by any promissory note or other instrument not already pledged and delivered to the Collateral Agent hereunder, such note or instrument shall be promptly pledged and delivered to the Collateral Agent, duly endorsed in a manner reasonably satisfactory to the Collateral Agent.

SECTION 4.04. Inspection and Verification. The Collateral Agent and such Persons as the Collateral Agent may reasonably designate shall have the right to inspect the Collateral, all records related thereto (and to make extracts and copies from such records) and the premises upon which any of the Collateral is located, at reasonable times and intervals during normal business hours upon reasonable advance notice to the respective Grantor and to verify under reasonable procedures the validity, amount, quality, quantity, value, condition and status of the Collateral. The Collateral Agent shall have the absolute right to share any information it gains from such inspection or verification with any Secured Party in accordance with and subject to the provisions set forth in Section 9.12 of the Credit Agreement.

SECTION 4.05. Taxes; Encumbrances. At its option, the Collateral Agent may discharge past due taxes, assessments, charges, fees, Liens, security interests or other encumbrances at any time levied or placed on the Collateral and not permitted pursuant to Section 6.02 of the Credit Agreement, and may pay for the maintenance and preservation of the Collateral, in each case to the extent any Grantor fails to do so as required by the Credit Agreement or this Agreement, and each Grantor jointly and severally agrees to reimburse the Collateral Agent on demand for any payment made or any expense incurred by the Collateral Agent pursuant to the foregoing authorization; provided, however, that nothing in this Section 4.05 shall be interpreted as excusing any Grantor from the performance of, or imposing any obligation on the Collateral Agent or any Secured Party to cure or perform, any covenants or

other promises of any Grantor with respect to taxes, assessments, charges, fees, liens, security interests or other encumbrances and maintenance as set forth herein or in the other Loan Documents.

SECTION 4.06. Assignment of Security Interest. If at any time any Grantor shall take a security interest in any property of an Account Debtor or any other Person to secure payment and performance of an Account, such Grantor shall promptly assign such security interest to the Collateral Agent to the extent permitted by any contracts or arrangements to which such property is subject. Such assignment need not be filed of public record unless necessary to continue the perfected status of the security interest against creditors of and transferees from the Account Debtor or other Person granting the security interest.

SECTION 4.07. Continuing Obligations of the Grantors. Each Grantor shall remain liable to observe and perform all the conditions and obligations to be observed and performed by it under each contract, agreement or instrument relating to the Collateral, all in accordance with the terms and conditions thereof, unless such Grantor's failure to observe or perform any such condition or obligation would not result in a Material Adverse Effect.

SECTION 4.08. Use and Disposition of Collateral. None of the Grantors shall make or permit to be made an assignment, pledge or hypothecation of the Collateral or shall grant any other Lien in respect of the Collateral, in either case except as expressly permitted by Section 6.02 of the Credit Agreement. None of the Grantors shall make or permit to be made any transfer of the Collateral and each Grantor shall remain at all times in possession of the Collateral owned by it, except that (a) Inventory may be sold in the ordinary course of business and (b) unless and until the Collateral Agent shall notify the Grantors that an Event of Default shall have occurred and be continuing and that during the continuance thereof the Grantors shall not sell, convey, lease, assign, transfer or otherwise dispose of any Collateral (which notice may be given by telephone if promptly confirmed in writing), the Grantors may use and dispose of the Collateral in any manner not inconsistent with the provisions of this Agreement, the Credit Agreement or any other Loan Document. Without limiting the generality of the foregoing, each Grantor agrees that it shall not permit any material portion of the Inventory to be in the possession or control of any warehouseman, bailee, agent or processor at any time unless within 45 days of the later of the date hereof and the date on which such warehouseman, bailee, agent or processor first acquires possession or control of such Inventory, such warehouseman, bailee, agent or processor shall have been notified of the Security Interest. Each Grantor further agrees that within 45 days of the date hereof it shall use its commercially reasonable efforts to obtain an agreement in writing from each warehouseman, bailee, agent or processor that executed an agreement pursuant to Section 4.08(b)(ii) of the Existing Security Agreement to hold the Inventory subject to the Security Interest and the instructions of the Collateral Agent and to waive and release any Lien held by it with respect to such Inventory, whether arising by operation of law or otherwise.

SECTION 4.09. Limitation on Modification of Accounts. None of the Grantors will, without the Collateral Agent's prior written consent, grant any extension of the time of payment of any of the Accounts Receivable, compromise, compound or settle the same for less than the full amount thereof, release, wholly or partly, any Person liable for the payment thereof or allow any material credit or discount whatsoever thereon, other than extensions, credits, discounts, compromises or settlements granted or made in the ordinary course of business and consistent with its current practices.

SECTION 4.10. Insurance. The Grantors, at their own expense, shall maintain or cause to be maintained insurance covering physical loss or damage to the Inventory and Equipment in accordance with Section 5.07 of the Credit Agreement. Each Grantor irrevocably makes, constitutes and appoints the Collateral Agent (and all officers, employees or agents designated by the Collateral Agent) as such Grantor's true and lawful agent (and attorney-in-fact) for the purpose, during the continuance of an Event of Default, of making, settling and adjusting claims

in respect of Collateral under policies of insurance, endorsing the name of such Grantor on any check, draft, instrument or other item of payment for the proceeds of such policies of insurance and for making all determinations and decisions with respect thereto. In the event that any Grantor at any time or times shall fail to obtain or maintain any of the policies of insurance required hereby or to pay any premium in whole or part relating thereto, the Collateral Agent may, without waiving or releasing any obligation or liability of the Grantors hereunder or any Event of Default, in its sole discretion, obtain and maintain such policies of insurance and pay such premium and take any other actions with respect thereto as the Collateral Agent deems advisable. All sums disbursed by the Collateral Agent in connection with this Section 4.10, including reasonable attorneys' fees, court costs, expenses and other charges relating thereto, shall be payable, upon demand, by the Grantors to the Collateral Agent and shall be additional Obligations secured hereby.

SECTION 4.11. Legend. If any Accounts Receivable of any Grantor are evidenced by Chattel Paper, such Grantor shall legend, in form and manner satisfactory to the Collateral Agent, such Accounts Receivable and its books, records and documents evidencing or pertaining thereto with an appropriate reference to the fact that such Accounts Receivable have been assigned to the Collateral Agent for the benefit of the Secured Parties and that the Collateral Agent has a security interest therein.

SECTION 4.12. Other Actions. In order to further insure the attachment, perfection and priority of, and the ability of the Collateral Agent to enforce, the Security Interest, each Grantor agrees, in each case at such Grantor's own expense, to take the following actions with respect to the following Collateral:

(a) Letter-of-credit Rights. If any Grantor is at any time a beneficiary under a letter of credit now or hereafter issued in favor of such Grantor with an aggregate face amount equal to or greater than $20,000,000, such Grantor shall promptly notify the Collateral Agent thereof and, at the request and option of the Collateral Agent, such Grantor shall, pursuant to an agreement in form and substance reasonably satisfactory to the Collateral Agent, either (i) arrange for the issuer and any confirmer of such letter of credit to consent to an assignment to the Collateral Agent of the proceeds of any drawing under the letter of credit or (ii) arrange for the Collateral Agent to become the transferee beneficiary of the letter of credit, with the Collateral Agent agreeing, in each case, that the proceeds of any drawing under the letter of credit are to be paid to the applicable Grantor unless an Event of Default has occurred or is continuing, *provided* that this Section 4.12(a) shall not apply to letters of credit that constitute "supporting obligations" within the meaning of Section 9-308(d) of the UCC.

(b) Commercial Tort Claims. If any Grantor shall at any time hold or acquire a commercial tort claim in an amount reasonably estimated to exceed $25,000,000, the Grantor shall promptly notify the Collateral Agent thereof in a writing signed by such Grantor including a summary description of such claim and grant to the Collateral Agent in such writing a security interest therein and in the proceeds thereof, all upon the terms of this Agreement, with such writing to be in form and substance reasonably satisfactory to the Collateral Agent.

SECTION 4.13. Covenants Regarding Patent, Trademark and Copyright Collateral. (a) Each Grantor agrees that it will not, and will use commercially reasonable efforts to ensure that its licensees will not, take or fail to take any action whereby any Patent that is material to the conduct of such Grantor's business may become invalidated or prematurely (after any steps to renew or extend such Grantor's rights therein that (i) are available to such Grantor pursuant to 15 U.S.C. Section 155, 155A and 156 or (ii) become available to such Grantor as a result of a Change in Law, have been taken) dedicated to the public, and agrees that it shall continue to mark any products covered by a material Patent with the relevant patent number as necessary and sufficient to establish and preserve its rights to the fullest extent (as they exist on the latter of the date hereof or the date on which such Patent is acquired) under applicable patent laws pursuant to which each such Patent is issued.

(b) Each Grantor (either itself or through its licensees or its sublicensees) will, for each Trademark material to the conduct of such Grantor's business, (i) maintain such Trademark in full force free from any meritorious claim of abandonment or invalidity for non-use the adverse determination of which could result in a Material Adverse Effect, (ii) maintain the quality of products and services offered under such Trademark sufficient to preclude any findings by any Governmental Authority of abandonment, (iii) display such Trademark with notice of Federal or foreign registration to the extent necessary and sufficient to establish and preserve its maximum rights under applicable law pursuant to which each such Trademark is registered and (iv) not knowingly use or knowingly permit its licensees or sublicensees to use such Trademark in violation of any third party rights.

(c) Each Grantor (either itself or through licensees) will, for each work covered by a material Copyright that it continues to publish, reproduce, display, adopt or distribute, provide appropriate copyright notice as necessary and sufficient to establish and preserve its maximum rights under applicable copyright laws pursuant to which each such Copyright is issued.

(d) Each Grantor shall notify the Collateral Agent promptly if it knows or has reason to know that any Patent, Trademark or Copyright material to the conduct of its business may become abandoned, lost or dedicated to the public, or of any materially adverse determination or development (including the institution of any proceeding, or any materially adverse determination or development, in or by the United States Patent and Trademark Office, United States Copyright Office or any court or similar office of any country) regarding such Grantor's ownership of any Patent, Trademark or Copyright, its right to register, or to keep and maintain the same.

(e) Within 30 days after the end of each fiscal quarter of Intermediate Holdings commencing with the fiscal quarter ending September 30, 2002, each Grantor will deliver to the Collateral Agent a written supplement to the Schedules hereto showing any additional Copyrights, Copyright Licenses, Patents, Patent Licenses, Trademarks and Trademark Licenses acquired by such Grantor after the date hereof, all to the extent and in the form necessary for filing in reasonable detail. Each Grantor shall, upon request of the Collateral Agent, execute and deliver any and all agreements, instruments, documents and papers as the Collateral Agent may request to evidence and perfect the Collateral Agent's security interest in such Patent, Trademark or Copyright, and each Grantor hereby appoints the Collateral Agent as its attorney-in-fact to execute and file such writings for the foregoing purposes, all acts of such attorney being hereby ratified and confirmed; such power, being coupled with an interest, is irrevocable.

(f) Each Grantor will exercise its reasonable business judgment as to all necessary steps that are consistent with the practice in any proceeding before the United States Patent and Trademark Office, United States Copyright Office or any comparable office or agency in any political subdivision of the United States or in any other country or any political subdivision thereof, to maintain and pursue each material application relating to the Patents, Trademarks and/or Copyrights (and to obtain the relevant grant or registration) and to maintain each issued Patent and each registration of the Trademarks and Copyrights that is material to the conduct of any Grantor's business, including, when applicable, timely filings of applications for renewal, affidavits of use, affidavits of incontestability and payment of maintenance fees, and, if consistent with good business judgment, to initiate opposition, interference and cancelation proceedings against third parties.

(g) In the event that any Grantor has reason to believe that any Collateral consisting of a Patent, Trademark or Copyright material to the conduct of any Grantor's business has been or is about to be materially infringed, misappropriated or diluted by a third party, such Grantor promptly shall notify the Collateral Agent and shall, if consistent with the Grantor's reasonable good business judgment, promptly sue to recover any and all damages and take such other actions as are appropriate under the circumstances to protect such Collateral.

(h) Upon and during the continuance of an Event of Default, each Grantor shall use its best efforts to obtain all requisite consents or approvals from the licensor of each Copyright License, Patent License or Trademark License to effect the assignment of all of such Grantor's right, title and interest thereunder to the Collateral Agent or its designee, except to the extent that the Collateral Agent shall determine that any such assignment would result in the permanent destruction of the value or validity of such License or the Intellectual Property that is the subject of such License; provided, however, that nothing in this sentence shall be construed as requiring or obligating the Collateral Agent or any Secured Party to make any such determination, and no action taken or permitted to be taken by the Collateral Agent or any Secured Party with respect to such determination shall give rise to any defense, counterclaim or offset in favor of any Grantor or to any claim or action against the Collateral Agent or any Secured Party.

SECTION 4.14 Each Grantor shall ensure that fully executed security agreements in the form hereof (or short-form supplements to this Agreement in form and substance reasonably satisfactory to the Collateral Agent) and containing a description of all Collateral consisting of Intellectual Property, to the extent and in the form necessary for filing, shall have been received within three months after the execution of this Agreement with respect to United States Patents and United States registered Trademarks (and Trademarks for which United States registration applications are pending) and within one month after the execution of this Agreement with respect to United States registered Copyrights by the Collateral Agent for recording by the United States Patent and Trademark Office and the United States Copyright Office pursuant to 35 U.S.C. § 261, 15 U.S.C. § 1060 or 17 U.S.C. § 205 and the regulations thereunder, as applicable, and otherwise as may be required pursuant to the laws of any other necessary jurisdiction in the United States (or any political subdivision thereof) and its territories and possessions, to protect the validity of and to establish a legal, valid and perfected security interest in favor of the Collateral Agent (for the ratable benefit of the Secured Parties) in respect of all Collateral consisting of Patents, Trademarks and Copyrights in which a security interest may be perfected by filing, recording or registration in the United States (or any political subdivision thereof) and its territories and possessions, or in any other necessary jurisdiction, and no further or subsequent filing, refiling, recording, rerecording, registration or reregistration is necessary in any such jurisdiction (other than such actions as are necessary to perfect the Security Interest with respect to any Collateral consisting of Patents, Trademarks and Copyrights (or registration or application for registration thereof) acquired or developed after the date hereof).

ARTICLE V

Cash Account; Power of Attorney

SECTION 5.01. Cash Account. The account listed on Schedule VIII hereto has been established (collectively, the "Cash Account"), which account is subject to the terms of the Depository Agreement. The financial institution with which the Cash Account has been established is referred to herein as the "Deposit Bank".

SECTION 5.02. Power of Attorney. Each Grantor irrevocably makes, constitutes and appoints the Collateral Agent (and all officers, employees or agents designated by the Collateral Agent) as such Grantor's true and lawful agent and attorney-in-fact, and in such capacity the Collateral Agent shall have the right, with power of substitution for each Grantor and in each Grantor's name or otherwise, for the use and benefit of the Collateral Agent and the Secured Parties, if an Event of Default shall have occurred and be continuing (a) to receive, endorse, assign and/or deliver any and all notes, acceptances, checks, drafts, money orders or other evidences of payment relating to the Collateral or any part thereof; (b) to demand, collect, receive payment of, give receipt for and give discharges and releases of all or any of the Collateral; (c) to sign the name of any Grantor on any invoice or bill of lading relating to any of the Collateral; (d) to send verifications of Accounts Receivable to any Account Debtor; (e) to commence and prosecute any and all suits, actions or proceedings at law or in equity in any court of competent

jurisdiction to collect or otherwise realize on all or any of the Collateral or to enforce any rights in respect of any Collateral; (f) to settle, compromise, compound, adjust or defend any actions, suits or proceedings relating to all or any of the Collateral; (g) to notify, or to require any Grantor to notify, Account Debtors to make payment directly to the Collateral Agent; and (h) to use, sell, assign, transfer, pledge, make any agreement with respect to or otherwise deal with all or any of the Collateral, and to do all other acts and things necessary to carry out the purposes of this Agreement, as fully and completely as though the Collateral Agent were the absolute owner of the Collateral for all purposes; provided, however, that nothing herein contained shall be construed as requiring or obligating the Collateral Agent or any Secured Party to make any commitment or to make any inquiry as to the nature or sufficiency of any payment received by the Collateral Agent or any Secured Party, or to present or file any claim or notice, or to take any action with respect to the Collateral or any part thereof or the moneys due or to become due in respect thereof or any property covered thereby, and no action taken or omitted to be taken by the Collateral Agent or any Secured Party with respect to the Collateral or any part thereof shall give rise to any defense, counterclaim or offset in favor of any Grantor or to any claim or action against the Collateral Agent or any Secured Party. The Collateral Agent shall give prior or simultaneous notice to the Borrowers of its intent to begin taking actions under this Section 5.02; provided, however, that any failure to give such notice shall in no way affect the Collateral Agent's right, power or authority to take such actions. It is understood and agreed that the appointment of the Collateral Agent as the agent and attorney-in-fact of the Grantors for the purposes set forth above is coupled with an interest and is irrevocable. The provisions of this Section shall in no event relieve any Grantor of any of its obligations hereunder or under any other Loan Document with respect to the Collateral or any part thereof or impose any obligation on the Collateral Agent or any Secured Party to proceed in any particular manner with respect to the Collateral or any part thereof, or in any way limit the exercise by the Collateral Agent or any Secured Party of any other or further right that it may have on the date of this Agreement or hereafter, whether hereunder, under any other Loan Document, by law or otherwise.

ARTICLE VI

Remedies

SECTION 6.01. Remedies upon Default. Upon the occurrence and during the continuance of an Event of Default, each Grantor agrees to deliver each item of Collateral to the Collateral Agent on demand, and it is agreed that the Collateral Agent shall have the right to take any of or all the following actions at the same or different times: (a) with respect to any Collateral consisting of Intellectual Property, on demand, to cause the Security Interest to become an assignment, transfer and conveyance of any of or all such Collateral by the applicable Grantors to the Collateral Agent, or to license or sublicense, whether general, special or otherwise, and whether on an exclusive or non-exclusive basis, any such Collateral throughout the world on such terms and conditions and in such manner as the Collateral Agent shall determine, except to the extent such assignment, transfer, conveyance or grant of a license or sublicense would result in the permanent destruction of the validity or value of the Intellectual Property that is the subject of such license and (b) with or without legal process and with or without prior demand for performance, to take possession of the Collateral and without liability for trespass to enter any premises where the Collateral may be located for the purpose of taking possession of or removing the Collateral and, generally, to exercise any and all rights afforded to a secured party under the UCC or other applicable law. Without limiting the generality of the foregoing, each Grantor agrees that the Collateral Agent shall have the right, subject to the mandatory requirements of applicable law, to sell or otherwise dispose of all or any part of the Collateral, at public or private sale or at any broker's board or on any securities exchange, for cash, upon credit or for future delivery as the Collateral Agent shall deem appropriate. The Collateral Agent shall be authorized at any such sale (if it deems it advisable to do so) to restrict the prospective bidders or purchasers to Persons who will represent and agree that they are purchasing the Collateral for their own account for investment and not with a view to the

TRADEMARK
REEL: 002548 FRAME: 0022

distribution or sale thereof, and upon consummation of any such sale the Collateral Agent shall have the right to assign, transfer and deliver to the purchaser or purchasers thereof the Collateral so sold. Each such purchaser at any such sale shall hold the property sold absolutely, free from any claim or right on the part of any Grantor, and each Grantor hereby waives (to the extent permitted by law) all rights of redemption, stay and appraisal that such Grantor now has or may at any time in the future have under any rule of law or statute now existing or hereafter enacted. Except as provided below, the Collateral Agent shall give prior or simultaneous notice to the Borrowers of its intent to begin taking actions under this Section 6.01; provided, however, that any failure to give such notice shall in no way affect the Collateral Agent's right, power or authority to take such actions.

The Collateral Agent shall give the Grantors 10 days' written notice (which each Grantor agrees is reasonable notice within the meaning of Section 9-611 of the UCC or its equivalent in other jurisdictions) of the Collateral Agent's intention to make any sale of Collateral. Such notice, in the case of a public sale, shall state the time and place for such sale and, in the case of a sale at a broker's board or on a securities exchange, shall state the board or exchange at which such sale is to be made and the day on which the Collateral, or portion thereof, will first be offered for sale at such board or exchange. Any such public sale shall be held at such time or times within ordinary business hours and at such place or places as the Collateral Agent may fix and state in the notice (if any) of such sale. At any such sale, the Collateral, or portion thereof, to be sold may be sold in one lot as an entirety or in separate parcels, as the Collateral Agent may (in its sole and absolute discretion) determine. The Collateral Agent shall not be obligated to make any sale of any Collateral if it shall determine not to do so, regardless of the fact that notice of sale of such Collateral shall have been given. The Collateral Agent may, without notice or publication, adjourn any public or private sale or cause the same to be adjourned from time to time by announcement at the time and place fixed for sale, and such sale may, without further notice, be made at the time and place to which the same was so adjourned. In case any sale of all or any part of the Collateral is made on credit or for future delivery, the Collateral so sold may be retained by the Collateral Agent until the sale price is paid by the purchaser or purchasers thereof, but the Collateral Agent shall not incur any liability in case any such purchaser or purchasers shall fail to take up and pay for the Collateral so sold and, in case of any such failure, such Collateral may be sold again upon like notice. At any public (or, to the extent permitted by law, private) sale made pursuant to this Section 6.01, any Secured Party may bid for or purchase, free (to the extent permitted by law) from any right of redemption, stay, valuation or appraisal on the part of any Grantor (all said rights being also hereby waived and released to the extent permitted by law), the Collateral or any part thereof offered for sale and may make payment on account thereof by using any Obligation then due and payable to such Secured Party from any Grantor as a credit against the purchase price, and such Secured Party may, upon compliance with the terms of sale, hold, retain and dispose of such property without further accountability to any Grantor therefor, except that any remaining proceeds thereof shall be delivered to the Grantors to the extent required by Section 6.02. For purposes hereof, a written agreement to purchase the Collateral or any portion thereof shall be treated as a sale thereof; the Collateral Agent shall be free to carry out such sale pursuant to such agreement and no Grantor shall be entitled to the return of the Collateral or any portion thereof subject thereto, notwithstanding the fact that after the Collateral Agent shall have entered into such an agreement all Events of Default shall have been remedied and the Obligations paid in full in cash. As an alternative to exercising the power of sale herein conferred upon it, the Collateral Agent may proceed by a suit or suits at law or in equity to foreclose this Agreement and to sell the Collateral or any portion thereof pursuant to a judgment or decree of a court or courts having competent jurisdiction or pursuant to a proceeding by a court-appointed receiver.

SECTION 6.02. Application of Proceeds of Sale. The Collateral Agent shall apply the proceeds of any collection or sale of the Collateral, as well as any Collateral consisting of cash, as follows:

TRADEMARK
REEL: 002548 FRAME: 0023

FIRST, to the payment of all costs and expenses incurred by the Administrative Agent or the Collateral Agent (in its capacity as such hereunder or under any other Loan Document) in connection with such collection or sale or otherwise in connection with this Agreement or any of the Obligations, including all court costs and the reasonable fees and expenses of its agents and legal counsel, the repayment of all advances made by the Collateral Agent hereunder or under any other Loan Document on behalf of any Grantor and any other costs or expenses incurred in connection with the exercise of any right or remedy hereunder or under any other Loan Document;

SECOND, to the payment in full of the Obligations (the amounts so applied to be distributed among the Secured Parties pro rata in accordance with the amounts of the Obligations owed to them on the date of any such distribution); and

THIRD, to the Grantors, their successors or assigns, or as a court of competent jurisdiction may otherwise direct.

The Collateral Agent shall have absolute discretion as to the time of application of any such proceeds, moneys or balances in accordance with this Agreement. Upon any sale of the Collateral by the Collateral Agent (including pursuant to a power of sale granted by statute or under a judicial proceeding), the receipt of the purchase money by the Collateral Agent or of the officer making the sale shall be a sufficient discharge to the purchaser or purchasers of the Collateral so sold and such purchaser or purchasers shall not be obligated to see to the application of any part of the purchase money paid over to the Collateral Agent or such officer or be answerable in any way for the misapplication thereof.

SECTION 6.03. Grant of License to Use Intellectual Property. For the purpose of enabling the Collateral Agent to exercise rights and remedies under this Article at such time as the Collateral Agent shall be lawfully entitled to exercise such rights and remedies, each Grantor hereby grants to the Collateral Agent an irrevocable, non-exclusive license (exercisable without payment of royalty or other compensation to the Grantors) to use, license or sub-license any of the Collateral consisting of Intellectual Property (and all embodiments or fixations thereof and related documentation, registrations and franchises, and all additions, improvements and accessions to, and books and records describing or used in connection therewith) now owned or hereafter acquired by such Grantor, except to the extent that the granting of such license would (i) result in the permanent destruction of the validity or value of such Intellectual Property or (ii) violate the terms of any licensing agreements relating to such Intellectual Property existing on the later of the date hereof and the date on which such Intellectual Property is acquired by a Grantor, *provided* that such Grantor and the Cayman Borrower have each used commercially reasonable efforts to remove or prevent the inclusion of such restrictions from the relevant license or sublicense, and wherever the same may be located, and including in such license reasonable access to all media in which any of the licensed items may be recorded or stored and to all computer software and programs used for the compilation or printout thereof. The use of such license by the Collateral Agent shall be exercised, at the option of the Collateral Agent, upon the occurrence and during the continuation of an Event of Default; provided that any license, sub-license or other transaction entered into by the Collateral Agent in accordance herewith shall be binding upon the Grantors notwithstanding any subsequent cure of an Event of Default.

ARTICLE VII

Miscellaneous

SECTION 7.01. Notices. All communications and notices hereunder shall (except as otherwise expressly permitted herein) be in writing and given as provided in Section 9.01 of the Credit Agreement. All communications and notices hereunder to any Grantor shall be given to it at its address or telecopy number set forth on Schedule I, with a copy to each Borrower.

TRADEMARK
REEL: 002548 FRAME: 0024

SECTION 7.02. Security Interest Absolute. All rights of the Collateral Agent hereunder, the Security Interest and all obligations of the Grantors hereunder shall be absolute and unconditional irrespective of (a) any lack of validity or enforceability of the Credit Agreement, any other Loan Document, any agreement with respect to any of the Obligations or any other agreement or instrument relating to any of the foregoing, (b) any change in the time, manner or place of payment of, or in any other term of, all or any of the Obligations, or any other amendment or waiver of or any consent to any departure from the Credit Agreement, any other Loan Document or any other agreement or instrument, (c) any exchange, release or non-perfection of any Lien on other collateral, or any release or amendment or waiver of or consent under or departure from any guarantee, securing or guaranteeing all or any of the Obligations, or (d) any other circumstance that might otherwise constitute a defense available to, or a discharge of, any Grantor in respect of the Obligations or this Agreement.

SECTION 7.03. Survival of Agreement. All covenants, agreements, representations and warranties made by any Grantor herein and in the certificates or other instruments prepared or delivered in connection with or pursuant to this Agreement shall be considered to have been relied upon by the Secured Parties and shall survive the making by the Lenders of the Loans and the issuance of Letters of Credit by the Issuing Banks, and the execution and delivery to the Lenders of any notes evidencing such Loans, regardless of any investigation made by the Lenders or on their behalf, and shall continue in full force and effect until this Agreement shall terminate.

SECTION 7.04. Binding Effect; Several Agreement. This Agreement shall become effective as to any Grantor when a counterpart hereof executed on behalf of such Grantor shall have been delivered to the Collateral Agent and a counterpart hereof shall have been executed on behalf of the Collateral Agent, and thereafter shall be binding upon such Grantor and the Collateral Agent and their respective successors and assigns, and shall inure to the benefit of such Grantor, the Collateral Agent and the other Secured Parties and their respective successors and assigns, except that no Grantor shall have the right to assign or transfer its rights or obligations hereunder or any interest herein or in the Collateral (and any such assignment or transfer shall be void) except as expressly contemplated by this Agreement or the other Loan Documents. This Agreement shall be construed as a separate agreement with respect to each Grantor and may be amended, modified, supplemented, waived or released with respect to any Grantor without the approval of any other Grantor and without affecting the obligations of any other Grantor hereunder.

SECTION 7.05. Successors and Assigns. Whenever in this Agreement any of the parties hereto is referred to, such reference shall be deemed to include the successors and assigns of such party; and all covenants, promises and agreements by or on behalf of any Grantor or the Collateral Agent that are contained in this Agreement shall bind and inure to the benefit of their respective successors and assigns.

SECTION 7.06. Collateral Agent's Fees and Expenses; Indemnification. (a) Each Grantor jointly and severally agrees to pay upon demand to the Collateral Agent the amount of any and all reasonable expenses, including the reasonable fees, disbursements and other charges of its counsel and of any experts or agents, that the Collateral Agent may incur in connection with (i) the administration of this Agreement, (ii) the custody or preservation of, or the sale of, collection from or other realization upon, any of the Collateral, (iii) the exercise, enforcement or protection of any of the rights of the Collateral Agent hereunder or (iv) the failure of any Grantor to perform or observe any of the provisions hereof applicable to it.

(b) Without limitation of its indemnification obligations under the other Loan Documents, each Grantor jointly and severally agrees to indemnify the Collateral Agent and the other Indemnitees against, and hold each of them harmless from, any and all losses, claims, damages, liabilities and related expenses, including reasonable fees, disbursements and other charges of counsel, incurred by or asserted against any of them arising out of, in any way connected with, or as a result of, the execution, delivery or performance of this Agreement or any

TRADEMARK
REEL: 002548 FRAME: 0025

claim, litigation, investigation or proceeding relating hereto or to the Collateral, whether or not any Indemnitee is a party thereto; provided that such indemnity shall not, as to any Indemnitee, be available to the extent that such losses, claims, damages, liabilities or related expenses resulted from the gross negligence or willful misconduct of such Indemnitee.

(c) Any such amounts payable as provided hereunder shall be additional Obligations secured hereby and by the other Security Documents. The provisions of this Section 7.06 shall remain operative and in full force and effect regardless of the termination of this Agreement or any other Loan Document, the consummation of the transactions contemplated hereby, the repayment of any of the Loans, the invalidity or unenforceability of any term or provision of this Agreement or any other Loan Document, or any investigation made by or on behalf of the Collateral Agent or any Lender. All amounts due under this Section 7.06 shall be payable on written demand therefor.

SECTION 7.07. GOVERNING LAW. THIS AGREEMENT SHALL BE CONSTRUED IN ACCORDANCE WITH AND GOVERNED BY THE LAWS OF THE STATE OF NEW YORK.

SECTION 7.08. Waivers; Amendment. (a) No failure or delay of the Collateral Agent in exercising any power or right hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any such right or power, or any abandonment or discontinuance of steps to enforce such a right or power, preclude any other or further exercise thereof or the exercise of any other right or power. The rights and remedies of the Collateral Agent hereunder and of the Collateral Agent, the Administrative Agent, the Issuing Bank and the Lenders under the other Loan Documents are cumulative and are not exclusive of any rights or remedies that they would otherwise have. No waiver of any provisions of this Agreement or any other Loan Document or consent to any departure by any Grantor therefrom shall in any event be effective unless the same shall be permitted by paragraph (b) below, and then such waiver or consent shall be effective only in the specific instance and for the purpose for which given. No notice to or demand on any Grantor in any case shall entitle such Grantor or any other Grantor to any other or further notice or demand in similar or other circumstances.

(b) Neither this Agreement nor any provision hereof may be waived, amended or modified except pursuant to an agreement or agreements in writing entered into by the Collateral Agent and the Grantor or Grantors with respect to which such waiver, amendment or modification is to apply, subject to any consent required in accordance with Section 9.02 of the Credit Agreement.

SECTION 7.09. WAIVER OF JURY TRIAL. EACH PARTY HERETO HEREBY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN ANY LEGAL PROCEEDING DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS AGREEMENT, ANY OTHER LOAN DOCUMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY (WHETHER BASED ON CONTRACT, TORT OR ANY OTHER THEORY). EACH PARTY HERETO (A) CERTIFIES THAT NO REPRESENTATIVE, AGENT OR ATTORNEY OF ANY OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER AND (B) ACKNOWLEDGES THAT IT AND THE OTHER PARTIES HERETO HAVE BEEN INDUCED TO ENTER INTO THIS AGREEMENT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION 7.09.

SECTION 7.10. Severability. In the event any one or more of the provisions contained in this Agreement should be held invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby (it being understood that the invalidity of a particular provision in a

TRADEMARK
REEL: 002548 FRAME: 0026

particular jurisdiction shall not in and of itself affect the validity of such provision in any other jurisdiction). The parties shall endeavor in good-faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

SECTION 7.11. Counterparts; Integration; Effectiveness. This Agreement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract (subject to Section 7.04). This Agreement, the other Loan Documents and any separate letter agreements with respect to fees payable to the Administrative Agent constitute the entire contract among the parties relating to the subject matter hereof and supersede any and all previous agreements and understandings, oral or written, relating to the subject matter hereof. This Agreement shall become effective as provided in Section 7.04. Delivery of an executed counterpart of a signature page of this Agreement by telecopy shall be effective as delivery of a manually executed counterpart of this Agreement.

SECTION 7.12. Rules of Interpretation. The rules of interpretation specified in Section 1.03 of the Credit Agreement shall be applicable to this Agreement. Article and Section headings used herein are for convenience of reference only, are not part of this Agreement and shall not affect the construction of, or be taken into consideration in interpreting, this Agreement.

SECTION 7.13. Jurisdiction; Consent to Service of Process. (a) Each Grantor hereby irrevocably and unconditionally submits, for itself and its property, to the nonexclusive jurisdiction of any New York State court or Federal court of the United States of America sitting in New York City, and any appellate court from any thereof, in any action or proceeding arising out of or relating to this Agreement or the other Loan Documents, or for recognition or enforcement of any judgment, and each of the parties hereto hereby irrevocably and unconditionally agrees that all claims in respect of any such action or proceeding may be heard and determined in such New York State or, to the extent permitted by law, in such Federal court. Each of the parties hereto agrees that a final judgment in any such action or proceeding shall be conclusive and may be enforced in other jurisdictions by suit on the judgment or in any other manner provided by law. Nothing in this Agreement shall affect any right that the Collateral Agent, the Administrative Agent, any Issuing Bank or any Lender may otherwise have to bring any action or proceeding relating to this Agreement or the other Loan Documents against any Grantor or its properties in the courts of any jurisdiction.

(b) Each Grantor hereby irrevocably and unconditionally waives, to the fullest extent it may legally and effectively do so, any objection that it may now or hereafter have to the laying of venue of any suit, action or proceeding arising out of or relating to this Agreement or the other Loan Documents in any New York State or Federal court. Each of the parties hereto hereby irrevocably waives, to the fullest extent permitted by law, the defense of an inconvenient forum to the maintenance of such action or proceeding in any such court.

(c) Each party to this Agreement irrevocably consents to service of process in the manner provided for notices in Section 7.01. Nothing in this Agreement will affect the right of any party to this Agreement to serve process in any other manner permitted by law. Each Grantor hereby appoints the U.S. Borrower as its agent for service of process in the United States, and the U.S. Borrower hereby accepts such appointment.

SECTION 7.14. Termination. This Agreement and the Security Interest shall terminate when all the Obligations have been indefeasibly paid in full in cash, the Lenders have no further commitment to lend under the Credit Agreement, the LC Exposure has been reduced to zero and the Issuing Banks have no further obligation to issue Letters of Credit under the Credit Agreement, at which time the Collateral Agent shall execute and deliver to the Grantors, at the Grantors' expense, all UCC termination statements and similar documents that the Grantors shall reasonably request to evidence such termination. Any execution and delivery of termination

TRADEMARK
REEL: 002548 FRAME: 0027

statements or documents pursuant to this Section 7.14 shall be without recourse to or warranty by the Collateral Agent. In the event that a Grantor ceases to be a Subsidiary (as such term is used in the Credit Agreement) pursuant to a transaction permitted under the Loan Documents, such Grantor shall be released from its obligations under this Agreement and the Security Interest in the Collateral of such Grantor shall be released without further action. In connection with any termination or release pursuant to this Section 7.14, the Collateral Agent shall execute and deliver to any Grantor, at such Grantor's expense, all documents that such Grantor shall reasonably request to evidence such termination or release. The Security Interest in any Collateral that is sold, transferred or otherwise disposed of in accordance with this Agreement, the Credit Agreement and the other Loan Documents (including pursuant to a waiver or amendment of the terms thereof) shall automatically terminate and be released, and such Collateral shall be sold free and clear of the Lien and Security Interest created hereby. In connection with any of the foregoing, the Collateral Agent shall execute and deliver to the Grantors or the Grantors' designee, at the Grantors' expense, all UCC termination statements and similar documents that the Grantors shall reasonably request from time to time to evidence such termination. Any execution and delivery of termination statements or documents pursuant to this Section 7.14 shall be without recourse to or warranty by the Collateral Agent.

SECTION 7.15. Additional Grantors. Pursuant to Section 5.12 of the Credit Agreement and the Collateral and Guarantee Requirement, (a) each Subsidiary that is a U.S. Loan Party that is formed or acquired after the Effective Date, (b) each other Loan Party that is formed or acquired after the Effective Date that owns property that would constitute Collateral if such Loan Party were a party hereto, (c) each Moribund Subsidiary that owns property in the United States that would constitute Collateral if such Moribund Subsidiary were a party hereto and that would have been a Subsidiary Loan Party had it not been designated as a Moribund Subsidiary that ceases to be a Moribund Subsidiary and (d) each Insignificant Core Loan Party that owns property in the United States that would constitute Collateral if such Insignificant Core Loan Party were a party hereto and that would otherwise be a Core Loan Party that ceases to meet the qualifications of an Insignificant Core Loan Party is required to enter into this Agreement as a Grantor upon becoming a Subsidiary Loan Party. Upon execution and delivery by the Collateral Agent and a Subsidiary of an instrument in the form of Annex 2 hereto, such Subsidiary shall become a Grantor hereunder with the same force and effect as if originally named as a Grantor herein. The execution and delivery of any such instrument shall not require the consent of any other Grantor hereunder. The rights and obligations of each Grantor hereunder shall remain in full force and effect notwithstanding the addition of any new Grantor as a party to this Agreement.

TRADEMARK
REEL: 002548 FRAME: 0028

IN WITNESS WHEREOF, the parties hereto have duly executed this Agreement as of the day and year first above written.

SEAGATE TECHNOLOGY HDD HOLDINGS,

by

Name: William L. Hudson
Title: Secretary

TRADEMARK
REEL: 002548 FRAME: 0029

SEAGATE TECHNOLOGY (US)
HOLDINGS, INC.,

by _____
Name: William L. Hudson
Title: Secretary

SEAGATE TECHNOLOGY LLC,

by

Name: William L. Hudson
Title: Secretary

SEAGATE US LLC,

by

Name: William L. Hudson
Title: Secretary

REDWOOD ACQUISITION
CORPORATION,

by _____
Name: William L. Hudson
Title: Secretary

QUINTA CORPORATION,

by _____

Name: William L. Hudson
Title: Secretary

TRADEMARK
REEL: 002548 FRAME: 0034

SEAGATE TECHNOLOGY
INTERNATIONAL,

by _____
Name: William L. Hudson
Title: Secretary

SEAGATE TECHNOLOGY (IRELAND),

by William L. Hudson
Name: William L. Hudson
Title: Secretary

JPMORGAN CHASE BANK, as Collateral Agent,

by _____
Name:
Title:

TRADEMARK
REEL: 002548 FRAME: 0037

GRANTORS

Grantor	Address
Seagate Technology HDD Holdings Seagate Technology (US) Holdings, Inc. Seagate Technology LLC Seagate US LLC Redwood Acquisition Corporation Quinta Corporation Seagate Technology International Seagate Technology (Ireland)	c/o Seagate Technology LLC 920 Disc Drive Scotts Valley, CA 95067

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None.

LICENSES

CROSS–LICENSE AGREEMENTS

PARTIES		DATE
AKASHIC	Kubota Corporation/Akashic Memories Corporation/ Seagate Technology, Inc.	January 1, 1996
AMC	Applied Magnetics Corporation/Seagate Technology, Inc.	December 10, 1994
AREAL	Areal Technology, Inc./Seagate Technology, Inc.	April 29, 1993
ASAHI/ KOMAG	Asahi Komag, Co., Ltd./Seagate Technology, Inc.	July 31, 1995
CERIDIAN	(Formerly known as CONTROL DATA CORPORATION) Control Data Corporation/Imprimis Technology Incorporated/ Magnetic Peripherals Inc./Seagate Technology, Inc./ Seagate Technology International	September 29, 1989
FUJITSU LTD.	Fujitsu Limited/Seagate Technology, Inc.	December 16, 1996
HEADWAY	Headway Technologies, Inc./Seagate Technology, Inc.	February 1, 1995
HEWLETT-PACKARD	Hewlett-Packard Company/Seagate Technology, Inc.	February 3, 1993
HITACHI	Hitachi, Ltd./Seagate Technology, Inc. Hitachi, Ltd/Seagate Technology, Inc./Mike _____	June 8, 2000 July 26, 1993
IBM-SEAGATE	International Business Machines Corporation/Seagate Technology, Inc.	January 20, 1999
KOMAG	Komag, Inc./Seagate Technology, Inc.	May 1, 1997
MAXTOR	Maxtor Corporation/Seagate Technology, Inc.	July 30, 1998
HYUNDAI	Hyundai Electronics of America, Inc./Seagate Technology, Inc.	April 1, 1998
MICROPOLIS	Micropolis (S) PTE Ltd./Seagate Technology, Inc.	January 1, 1997
MINEBEA	Minebea Co., Ltd./Seagate Technology, Inc.	February 29, 2000
MOBILE STORAGE TECHNOLOGY	(Formerly known as INTEGRAL PERIPHERALS INC.) Mobile Storage Technology/Seagate Technology, Inc.	January 1, 1998
NEC	NEC Corporation/Seagate Technology, Inc.	November 9, 1993
NIDEC	Nidec Corporation/Seagate Technology, Inc.	April 1, 2000

QUANTUM	Quantum Corporation/Seagate Technology, Inc.	July 7, 1992
READ-RITE	Read-Rite/Seagate Technology, Inc.	December 31, 1994
SANKYO SEIKI	Sankyo Seiki Mfg., Co., Ltd./Seagate Technology, Inc.	July 1, 1997
SHOWA DENKO	Showa Denko/Seagate Technology, Inc.	June 30, 1995
STORMEDIA	Stormedia Inc., Co., Ltd./Seagate Technology, Inc.	July 1, 1995
TDK	TDK Corporation/Seagate Technology, Inc.	November 1, 1995
TOSHIBA	Toshiba Corporation/Seagate Technology, Inc.	February 3, 1994
WESTERN DIGITAL	Western Digital Corporation/Seagate Technology, Inc.	January 1, 1997
YAMAHA	Yamaha Corporation/Seagate Technology, Inc.	December 7, 1998
IBM	IBM/Seagate Technology Holdings	December 15, 2001
Hitachi	Hitachi Ltd/Seagate Technology LLC	December 31, 2001
Maxtor	Maxtor Corporation/ Seagate Technology LLC	November 22, 2000
SCC	Storage Computer Corporation/Seagate Technology LLC	December 17, 2001

TRADEMARK
REEL: 002548 FRAME: 0042

KNOW-HOW AGREEMENTS

PARTIES		DATE
HEADWAY	Headway Technologies/Seagate Technology, Inc.	April 27, 1998
INTEGRAL PERIPHERALS	Integral Peripherals, Inc./Seagate Technology, Inc.	January 1, 1998
MINEBEA	Minebea Co., Ltd./Seagate Technology, Inc.	February 29, 2000
NIDEC	Nidec Corporation/Seagate Technology, Inc.	April 24, 20000
OBERG	Oberg Industries, Inc./Seagate Technology, Inc.	December 8, 1997
SANKYO	Sankyo Seiki Mfg. Co., Ltd./Seagate Technology, Inc.	July 17, 1997
SEIKO	Seiko Instruments, Inc./Seagate Technology, Inc.	January 31, 1998
SGS-THOMSON	SGS-Thomson Microelectronics N.V./ Seagate Technology, Inc./Seagate Microelectronics Ltd.	May 1, 1998
VEECO	Veeco Minneapolis Technology Center, Inc./ Seagate Technology, Inc.	February 11, 2000

<<NYCORP;2118665.1:4675B:5/7/02-3:18 p>>

LICENSE AGREEMENTS AND SETTLEMENT AGREEMENTS

PARTIES		DATE
AINE	Harry E. Aine/Seagate Technology, Inc.	June 11, 1993
ATASI CORP.	Atasi Corporation/Atasi Trust/Paul L. Farmer and Kenneth Broadbent, as Trustees of Atasi Trust/Seagate Technology, Inc./Robinson & Wood, Inc./Limbach & Limbach	July 15, 1992
COHEN	Dr. Uri Cohen/Magnetic Peripherals	October 31, 1998
CONNER/ FUJITSU	Conner Peripherals, Inc./Fujitsu Limited	February 17, 1993
CONNER/ PRAIRIE TEK	Prairietek Corporation/Committee of Unsecured Creditors/ Conner Peripherals/Alps Electric (USA), Inc./Alps Electric Co., Ltd.	March 20, 1992
	Conner Peripherals, Inc./Prairietek Corporation/Alps Electric Co., Ltd./Alps Electric (USA), Inc.	March 20, 1992
	Conner Peripherals, Inc./Alps Electric Co., Ltd.	April 2, 1992
DENSE-PAC	Dense-Pac Microsystems, Inc./Seagate Technology, Inc.	August 23, 1999
EXAR	Exar Corporation/Seagate Technology, Inc.	May 14, 1991
	Exar Corporation/Seagate Technology, Inc.	July 1, 1991
HEDGCOTH	Susan Alexander Hedgcoth/Seagate Technology, Inc.	December 4, 1998
HITACHI, LTD.	Hitachi, Ltd/Seagate Technology, Inc.	June 8, 2000
HITACHI/ IBM		
KFA	Forschungszentrum Jülich GmbH/Seagate Technology, Inc.	July 24, 1997
LEMELSON	Lemelson Medical, Education and Research Foundation, Limited Partnership/Seagate Technology, Inc.	August 7, 1999
3M	Minnesota Mining and Manufacturing Company/3M Innovative Properties Company/Seagate Technology LLC	October 17, 2000
Cambrian	Cambrian Consultants/Seagate Technology LLC	Feb 2, 2001
Censtor	Censtor/Seagate Technology LLC	March 7, 2002
Cohen	Uri Cohen/Seagate Technology LLC	July 12, 2001

<<NYCORP;2118665.1:4675B:5/7/02-3:18 p>>

Syndia	Syndia Corporation/ Seagate Technology Holdings	December 21, 2001

MAYNARD	Ronald Maynard, Microdomain/Quinta Corporation, Quinta Partnership/Steven Kitrosser/Robert G. Teal/ Joseph E. David/Jeffery P. Wilde Read-Rite Corporation/Seagate Technology, Inc. Sierra Ventures V, O. P./Sierra Ventures V, L. P.	February & March 2000
MILLER/ LINDHOLD	Magnetic Peripherals, Inc./Michael A. Miller/Robert A. Lindholm	July 10, 1989
PAPST	Papst Licensing GmbH/Seagate Technology, Inc	April 16, 1993
PEMSTAR	Pemstar, Inc./Seagate Technology, LLC	August 27, 2000
STANFORD	The Board of Trustees of the Leland Stanford Junior University/ Quinta Corporation/Seagate Technology, Inc.	July 14, 1998
THOMAS & BETTS	Thomas & Betts Corporation/Seagate Technology, Inc.	December 20, 1999
WHITE	Dr. James W. White/Seagate Technology, Inc.	February 11, 1999

TRADEMARK
REEL: 002548 FRAME: 0046

Schedule IV to the
U.S. Security Agreement

PATENTS

PATENTS

Docket		Patent Number	Issue Date	Country
01087	00	89109168.8	5/6/93	China
02336	00	ZL 96121935.1	10/19/96	China
02444	00	ZL 97182116.X	9/19/01	China
08004	00	21870	4/23/93	China
00987	10	0665539	5/30/01	Europe
00987	20	0665536	6/6/01	Europe
00987	30	0665538	5/30/01	Europe
00987	40	0665537	11/28/01	Europe
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04283	00	0063892	5/22/01	Singapore
05001	00	0063911	3/20/01	Singapore
05012	00	0067824	5/22/01	Singapore
08012	00	00446623	2/20/92	Singapore
08048	00	0047740	5/23/00	Singapore
08057	00	52377	5/23/00	Singapore
08063	10	49769	5/23/00	Singapore
08084	00	0047743	9/19/00	Singapore
08097	00	0047739	12/19/00	Singapore
08138	00	0048052	5/23/00	Singapore
08144	00	0048783	3/30/99	Singapore
08168	00	0048967	5/23/00	Singapore
08170	00	0048050	8/22/00	Singapore
08175	00	0048749	4/17/95	Singapore
08184	00	0047479	8/22/00	Singapore
08185	00	0046693	3/20/01	Singapore
08188	00	47671	9/21/99	Singapore
08222	00	24093	8/15/97	Singapore
08222	10	0044954	12/21/98	Singapore
08227	00	46309	9/19/00	Singapore
08239	00	0052308	5/23/00	Singapore
08241	00	0024114	12/21/98	Singapore
08241	10	0044945	12/19/00	Singapore
08264	00	46798	3/30/99	Singapore
08270	00	0045484	4/27/99	Singapore
08272	10	45959	3/30/99	Singapore
08273	00	0044953	7/18/00	Singapore
08294	00	0051689	12/21/99	Singapore
08296	00	53765	9/21/99	Singapore

TRADEMARK
REEL: 002548 FRAME: 0056

08337	00	0050195	5/13/97	Singapore
08343	00	0060455	2/22/00	Singapore
08345	00	60454	2/22/00	Singapore
08347	00	0060433	8/22/00	Singapore
08364	00	0063866	7/20/99	Singapore
08378	00	0064259	6/19/01	Singapore
08383	00	64190	5/23/00	Singapore
08389	00	0063989	3/20/01	Singapore
08390	00	0064653	2/20/01	Singapore
08391	00	0064526	5/23/00	Singapore
08397	00	0064729	5/22/01	Singapore
08420	00	066092	12/12/01	Singapore
08424	00	0066721	9/18/01	Singapore
08446	00	0068142	2/20/01	Singapore
08455	00	0067228	8/21/01	Singapore
08458	00	0068144	1/16/01	Singapore
08462	00	0068141	2/20/01	Singapore
08475	00	0068432	1/29/02	Singapore
08486	00	68790	2/14/02	Singapore
08495	00	0069521	5/22/01	Singapore
08517	00	0070301	6/17/01	Singapore
08520	00	0070300	7/24/01	Singapore
08528	00	0070352	4/4/02	Singapore
08530	00	0070353	4/8/02	Singapore
08540	00	0070380	4/4/02	Singapore
08559	00	0070817	3/12/02	Singapore
08562	00	70818	2/8/02	Singapore
08572	00	0071419	9/19/00	Singapore
08573	00	0072142	4/8/02	Singapore
08575	00	0071456	7/24/01	Singapore
08579	00	0070776	3/1/02	Singapore
08634	00	0072329	4/8/02	Singapore
08644	00	0069045	3/26/02	Singapore
08645	00	0069523	3/26/02	Singapore
08676	00	0068143	1/16/01	Singapore
08693	00	0051459	1/25/00	Singapore
08929	00	0082648	10/16/01	Singapore
02011	00	77421	9/13/94	South Korea
02023	00	120434	8/19/97	South Korea
02031	00	142199	3/27/98	South Korea
02032	00	134381	12/30/97	South Korea
02034	10	132424	12/10/97	South Korea
02042	00	85409	6/2/95	South Korea
02107	00	89224	9/15/95	South Korea

TRADEMARK
REEL: 002548 FRAME: 0057

02333	00	229031	8/13/99	South Korea
02335	00	220149	6/18/99	South Korea
02336	00	263285	5/15/00	South Korea
02352	00	264701	6/5/00	South Korea
02359	00	264628	6/2/00	South Korea
02361	00	276753	10/4/00	South Korea
04061	00	274667	9/15/00	South Korea
04064	00	152064	6/24/98	South Korea
04065	00	152063	6/24/98	South Korea
04068	00	178506	11/23/98	South Korea
04075	00	232589	9/7/99	South Korea
04076	00	168619	10/2/98	South Korea
04078	00	224127	7/13/99	South Korea
04080	00	255079	2/10/00	South Korea
04110	00	240192	10/26/99	South Korea
04113	00	202262	3/18/99	South Korea
04113	10	245896	12/2/99	South Korea
04113	20	242179	11/9/99	South Korea
04113	30	242178	11/9/99	South Korea
04119	00	229029	8/13/99	South Korea
04120	00	245893	12/2/99	South Korea
04132	00	246511	12/6/99	South Korea
04188	00	281340	11/17/00	South Korea
04206	00	276754	10/4/00	South Korea
04208	00	257222	2/29/00	South Korea
08012	00	218755	6/11/99	South Korea
08017	00	264700	6/5/00	South Korea
08067	00	169116	10/28/98	South Korea
08222	10	248368	12/17/99	South Korea
08270	00	218178	6/9/99	South Korea
08364	00	306425	8/9/01	South Korea
02034	10	043032	3/19/91	Taiwan
05001	00	133,907	10/8/01	Taiwan
08272	00	086056	8/20/97	Taiwan
02034	10	4936	12/4/95	Thailand
02107	00	7473	12/24/97	Thailand
00819	20	2,166,888B	6/29/88	United Kingdom
00853	00	0174705	2/8/89	United Kingdom
00907	00	0279537	12/29/93	United Kingdom
00927	00	0277414	9/30/92	United Kingdom
00975	00	0279540	11/30/94	United Kingdom
00987	00	0458445	6/11/97	United Kingdom
00987	40	0665537	6/11/97	United Kingdom
00987	50	0853311	10/27/99	United Kingdom

TRADEMARK
REEL: 002548 FRAME: 0058

01020	00	0332784	1/31/96	United Kingdom
01020	10	0680036	1/31/96	United Kingdom
01046	00	385739	11/5/97	United Kingdom
01077	00	0326749	3/9/94	United Kingdom
01085	00	0458444	9/4/96	United Kingdom
01087	00	0385023	2/23/94	United Kingdom
01097	00	0426326	9/17/97	United Kingdom
01150	00	0372686	2/23/94	United Kingdom
01171	00	0399800	6/19/96	United Kingdom
01172	00	0414976	12/20/95	United Kingdom
01176	00	0412222	8/16/95	United Kingdom
02031	00	0393266	1/5/94	United Kingdom
02032	00	0315361	1/26/94	United Kingdom
02040	00	0353077	4/19/95	United Kingdom
02042	00	0379573	1/19/94	United Kingdom
02044	00	2204720	10/2/91	United Kingdom
02044	01	0286384	11/30/94	United Kingdom
02048	00	2221786	8/19/92	United Kingdom
02107	00	0425312	6/12/96	United Kingdom
02115	00	0420501	2/1/95	United Kingdom
02135	00	0462729	8/9/95	United Kingdom
02212	00	0573160	2/4/98	United Kingdom
02221	00	0610624	4/15/98	United Kingdom
02229	00	0573250	9/3/97	United Kingdom
02234	00	0582463	4/29/98	United Kingdom
02239	00	0597665	3/18/98	United Kingdom
02252	00	0713599	4/9/97	United Kingdom
02267	00	0752148	9/9/98	United Kingdom
02350	00	2322468	1/19/00	United Kingdom
02374	00	2322728	9/1/99	United Kingdom
02376	00	2322729	5/17/00	United Kingdom
02376	10	2344598	7/19/00	United Kingdom
02380	00	2323134	3/1/00	United Kingdom
02384	00	2324403	2/9/00	United Kingdom
02399	00	2322730	8/4/99	United Kingdom
02411	00	2323133	11/3/99	United Kingdom
02420	00	2325534	4/19/00	United Kingdom
02422	00	2336407	11/15/00	United Kingdom
02426	00	2337647	4/18/01	United Kingdom
02435	00	2329643	7/25/00	United Kingdom
02444	00	2341177	2/14/01	United Kingdom
02447	00	2330000	4/12/00	United Kingdom
02448	00	2330505	2/7/01	United Kingdom
02449	00	2330283	9/12/00	United Kingdom

TRADEMARK
REEL: 002548 FRAME: 0059

02460	00	2334134	10/25/00	United Kingdom
02464	00	2337846	12/12/00	United Kingdom
02474	00	2334613	4/18/01	United Kingdom
02475	00	2334136	6/6/01	United Kingdom
02480	00	2338336	11/29/00	United Kingdom
02490	00	2337847	6/20/01	United Kingdom
02490	10	2357183	8/22/01	United Kingdom
02504	00	2338337	3/7/01	United Kingdom
02507	00	2336936	1/10/01	United Kingdom
02510	00	2338587	5/23/01	United Kingdom
02516	00	2330179	4/11/01	United Kingdom
02517	00	2329511	8/29/01	United Kingdom
02540	00	2342220	3/6/02	United Kingdom
02556	00	2344551	4/4/01	United Kingdom
02571	00	2330181	4/11/01	United Kingdom
02572	00	2330180	7/4/01	United Kingdom
02637	00	2350471	4/17/02	United Kingdom
04068	00	0402397	6/11/97	United Kingdom
04081	00	0454685	5/1/96	United Kingdom
04110	00	0535018	9/4/96	United Kingdom
04132	00	0604435	9/2/98	United Kingdom
04188	00	0782744	11/11/98	United Kingdom
04204	00	0774153	8/26/98	United Kingdom
04206	00	0803119	10/14/98	United Kingdom
04207	00	0808497	6/23/99	United Kingdom
04236	00	2323857	8/4/99	United Kingdom
04237	00	2324099	8/4/99	United Kingdom
04246	00	0897576	3/15/00	United Kingdom
04256	00	2326169	9/22/99	United Kingdom
04263	00	2325777	12/15/99	United Kingdom
08004	00	0400242	7/15/95	United Kingdom
08012	00	0442212	2/3/99	United Kingdom
08017	00	0442213	1/31/96	United Kingdom
08042	00	0456371	5/29/96	United Kingdom
08042	10	0684596	3/19/97	United Kingdom
08048	00	0470687	5/6/98	United Kingdom
08061	00	0434261	11/8/95	United Kingdom
08066	00	0469706	1/17/96	United Kingdom
08070	00	0467511	11/8/95	United Kingdom
08097	00	0518566	1/8/97	United Kingdom
08168	00	0597708	1/7/98	United Kingdom
08170	00	0609993	9/9/98	United Kingdom
08184	00	0585008	11/15/00	United Kingdom
08185	00	0730774	4/15/98	United Kingdom

TRADEMARK
REEL: 002548 FRAME: 0060

08188	00	0598593	9/9/98	United Kingdom
08207	00	0733263	10/27/99	United Kingdom
08222	00	0670570	4/26/00	United Kingdom
08239	00	0766830	12/9/98	United Kingdom
08272	10	0826209	11/3/99	United Kingdom
08296	00	2322227	1/26/00	United Kingdom
08337	00	2317359	6/9/99	United Kingdom
08343	00	2329999	3/29/00	United Kingdom
08345	00	2329805	9/20/00	United Kingdom
08347	00	2329998	10/25/00	United Kingdom
08364	00	2331213	3/14/01	United Kingdom
08378	00	2333177	7/12/00	United Kingdom
08383	00	2333176	12/20/00	United Kingdom
08387	00	2334135	6/6/01	United Kingdom
08389	00	2333055	5/2/01	United Kingdom
08390	00	2333056	9/5/01	United Kingdom
08391	00	2333640	9/13/00	United Kingdom
08397	00	2333641	1/13/01	United Kingdom
08415	00	2335536	2/7/01	United Kingdom
08420	00	2336710	5/9/01	United Kingdom
08424	00	2336465	4/4/01	United Kingdom
08446	00	2338821	1/9/02	United Kingdom
08451	00	2334810	1/9/02	United Kingdom
08455	00	2337848	12/6/00	United Kingdom
08458	00	2338629	10/24/01	United Kingdom
08462	00	2339326	8/8/01	United Kingdom
08475	00	2339328	3/7/01	United Kingdom
08486	00	2339492	4/18/01	United Kingdom
08495	00	2341267	5/9/01	United Kingdom
08502	00	2342218	5/9/01	United Kingdom
08507	00	2342764	2/27/02	United Kingdom
08507	10	2366657	3/13/02	United Kingdom
08516	00	2341971	8/29/01	United Kingdom
08517	00	2341970	1/9/02	United Kingdom
08520	00	2342221	12/12/01	United Kingdom
08528	00	GB2342766	1/9/02	United Kingdom
08530	00	2342765	12/12/01	United Kingdom
08536	00	2345377	1/9/02	United Kingdom
08539	00	2343056	9/12/01	United Kingdom
08546	00	2342767	12/12/01	United Kingdom
08551	00	2343988	1/9/02	United Kingdom
08562	00	GB2343289	9/12/01	United Kingdom
08572	00	2344927	2/20/02	United Kingdom
08572	10	2359408	2/20/02	United Kingdom

TRADEMARK
REEL: 002548 FRAME: 0061

08572	20	2359409	2/20/02	United Kingdom
08572	30	2359410	3/20/02	United Kingdom
08572	40	2359411	2/20/02	United Kingdom
08572	50	2366907	5/1/02	United Kingdom
08575	00	2344928	2/20/02	United Kingdom
08579	00	2343987	1/23/02	United Kingdom
08588	00	2346253	2/13/02	United Kingdom
08590	00	2341479	12/19/01	United Kingdom
08634	00	2346255	4/17/02	United Kingdom
08676	00	2338628	2/20/02	United Kingdom
08759	00	2341972	11/21/01	United Kingdom
08837	00	2354630	3/6/02	United Kingdom
08838	00	2354888	3/20/02	United Kingdom
08860	00	2357834	3/13/02	United Kingdom
08929	00	2343054	12/20/00	United Kingdom
09154	00	2366445	3/6/02	United Kingdom
09201	00	2366708	3/13/02	United Kingdom
00684	00	4,377,830	3/22/83	United States
00695	00	4,412,260	10/25/83	United States
00713	00	4,346,412	8/24/82	United States
00715	00	4,571,649	2/18/86	United States
00717	00	4,521,819	6/4/85	United States
00727	00	4,457,114	7/3/84	United States
00727	20	4,517,041	5/14/85	United States
00732	00	4,485,418	11/27/84	United States
00734	00	4,477,968	10/23/84	United States
00734	10	4,739,562	4/26/88	United States
00734	20	4,511,942	4/16/85	United States
00734	30	4,841,625	6/27/89	United States
00739	10	4,748,530	5/31/88	United States
00740	10	4,769,727	9/6/88	United States
00741	00	4,424,271	1/3/84	United States
00742	00	4,517,610	5/14/85	United States
00746	00	4,405,136	9/20/83	United States
00763	10	4,559,743	12/24/85	United States
00765	00	4,410,341	10/18/83	United States
00766	00	4,583,142	4/15/86	United States
00768	00	4,466,034	8/14/84	United States
00770	00	4,516,162	5/7/85	United States
00772	00	4,535,375	8/13/85	United States
00772	10	4,580,175	4/1/86	United States
00781	00	4,568,881	2/4/86	United States
00784	00	4,536,992	8/27/85	United States
00787	00	4,560,924	12/24/85	United States

TRADEMARK
REEL: 002548 FRAME: 0062

00796	00	4,536,270	8/20/85	United States
00798	00	4,485,337	11/27/84	United States
00800	00	4,495,129	1/22/85	United States
00818	10	4,551,355	11/5/85	United States
00819	20	4,564,585	1/14/86	United States
00820	00	4,560,940	12/24/85	United States
00821	00	4,493,000	1/8/85	United States
00824	00	4,544,890	10/1/85	United States
00829	00	4,620,251	10/28/86	United States
00831	00	4,646,193	2/24/87	United States
00841	00	4,636,886	1/13/87	United States
00841	20	4,647,993	3/3/87	United States
00842	00	4,819,111	4/4/89	United States
00848	10	4,588,611	5/13/86	United States
00853	00	4,620,248	10/28/86	United States
00855	00	4,701,818	10/20/87	United States
00857	00	4,536,740	8/20/85	United States
00859	10	4,728,831	3/1/88	United States
00866	00	4,652,779	3/24/87	United States
00874	00	4,777,906	10/18/88	United States
00874	10	4,668,097	5/26/87	United States
00884	10	4,785,161	11/15/88	United States
00884	20	4,835,361	5/30/89	United States
00885	00	4,607,310	8/19/86	United States
00889	00	4,624,564	11/25/86	United States
00892	20	4,748,525	5/31/88	United States
00904	10	4,870,520	9/26/89	United States
00905	10	RE34,100	10/4/88	United States
00907	10	4,891,725	1/2/90	United States
00907	20	4,967,298	10/30/90	United States
00908	00	4,788,612	11/29/88	United States
00910	00	4,891,717	1/2/90	United States
00911	20	5,107,378	4/21/92	United States
00913	00	4,642,246	2/10/87	United States
00917	00	4,662,830	5/5/87	United States
00920	00	4,868,694	9/19/89	United States
00921	00	4,677,507	6/30/87	United States
00922	00	4,667,260	5/19/87	United States
00925	20	4,811,135	3/7/89	United States
00925	30	4,864,434	9/5/89	United States
00925	40	4,912,576	3/27/90	United States
00925	50	5,095,393	3/10/92	United States
00925	60	5,164,863	11/17/92	United States
00926	00	4,803,580	2/7/89	United States

TRADEMARK
REEL: 002548 FRAME: 0063

00927	00	4,802,042	1/31/89	United States
00929	00	4,623,952	11/18/86	United States
00969	00	4,778,097	10/18/88	United States
00970	00	4,760,319	7/26/88	United States
00973	00	4,897,749	1/30/90	United States
00975	00	4,799,112	1/17/89	United States
00975	20	5,087,992	2/11/92	United States
00976	00	4,931,338	6/5/90	United States
00977	10	RE34,497	6/14/88	United States
00978	00	4,712,076	12/8/87	United States
00979	00	4,841,395	6/20/89	United States
00980	00	4,756,816	7/12/88	United States
00987	00	5,128,822	7/7/92	United States
00987	10	5,218,494	6/8/93	United States
00987	20	5,200,868	4/6/93	United States
00987	30	5,196,973	3/23/93	United States
00987	50	5,218,495	6/8/93	United States
00987	70	5,274,518	12/28/93	United States
00987	80	5,317,465	5/31/94	United States
00988	00	4,814,908	3/21/89	United States
00989	00	4,737,765	4/12/88	United States
00990	00	4,800,454	1/24/89	United States
00992	10	RE34,088	12/26/89	United States
00992	20	5,243,604	9/7/93	United States
01000	00	4,855,851	8/8/89	United States
01003	00	4,841,398	6/20/89	United States
01007	00	4,833,559	5/23/89	United States
01008	00	4,810,520	3/7/89	United States
01009	20	4,784,295	11/15/88	United States
01010	00	4,850,157	7/25/89	United States
01011	00	4,821,461	4/18/89	United States
01011	10	4,866,886	9/19/89	United States
01013	00	4,760,472	7/26/88	United States
01013	20	RE36,671	4/25/00	United States
01016	00	4,754,225	6/28/88	United States
01017	00	4,823,209	4/18/89	United States
01017	10	4,866,741	9/12/89	United States
01020	00	4,863,809	9/5/89	United States
01020	10	5,118,577	6/2/92	United States
01024	00	4,748,738	6/7/88	United States
01025	00	4,782,581	11/8/88	United States
01026	10	5,055,969	10/8/91	United States
01027	00	4,862,298	8/29/89	United States
01030	00	4,804,336	2/14/89	United States

TRADEMARK
REEL: 002548 FRAME: 0064

01032	00	5,038,625	8/13/91	United States
01034	00	4,930,259	6/5/90	United States
01036	00	4,837,923	6/13/89	United States
01037	00	5,021,907	6/4/91	United States
01038	00	4,891,723	1/2/90	United States
01043	00	4,776,202	10/11/88	United States
01043	20	4,821,578	4/18/89	United States
01043	30	4,860,572	8/29/89	United States
01043	40	4,987,766	1/29/91	United States
01044	00	4,975,398	12/4/90	United States
01044	20	5,098,874	3/24/92	United States
01046	00	5,047,876	9/10/91	United States
01046	10	5,159,501	10/27/92	United States
01046	20	5,241,429	8/31/93	United States
01047	00	4,899,234	2/6/90	United States
01051	00	4,922,354	5/1/90	United States
01053	00	5,379,172	1/3/95	United States
01054	00	4,860,135	8/22/89	United States
01077	00	4,821,133	4/11/89	United States
01085	00	5,062,017	10/29/91	United States
01087	00	4,972,286	11/20/90	United States
01087	10	5,048,175	9/17/91	United States
01092	00	4,875,118	10/17/89	United States
01093	10	4,962,437	10/9/90	United States
01094	00	4,873,594	10/10/89	United States
01095	00	5,068,754	11/26/91	United States
01097	10	5,168,410	12/1/92	United States
01097	20	5,372,698	12/13/94	United States
01098	00	4,868,695	9/19/89	United States
01101	10	4,929,499	5/29/90	United States
01102	00	4,800,295	1/24/89	United States
01108	00	5,130,871	7/14/92	United States
01109	00	5,078,846	1/7/92	United States
01111	00	4,942,609	7/17/90	United States
01113	00	4,905,110	2/27/90	United States
01114	00	4,923,406	5/8/90	United States
01116	00	4,980,783	12/25/90	United States
01117	00	4,879,617	11/7/89	United States
01123	00	4,813,059	3/14/89	United States
01124	00	4,851,710	7/25/89	United States
01125	00	4,977,472	12/11/90	United States
01126	00	4,969,059	11/6/90	United States
01127	00	4,982,298	1/1/91	United States
01131	00	4,843,288	6/27/89	United States

TRADEMARK
REEL: 002548 FRAME: 0065

01132	00	4,862,584	9/5/89	United States
01135	00	4,908,715	3/13/90	United States
01135	10	5,035,396	7/30/91	United States
01136	00	4,843,505	6/27/89	United States
01145	10	5,136,250	8/4/92	United States
01150	00	4,942,658	7/24/90	United States
01151	00	4,874,922	10/17/89	United States
01153	00	4,868,690	9/19/89	United States
01156	00	5,023,738	6/11/91	United States
01158	00	4,949,579	8/21/90	United States
01161	00	4,875,108	10/17/89	United States
01164	00	5,062,021	10/29/91	United States
01164	10	5,108,781	4/28/92	United States
01166	00	5,065,268	11/12/91	United States
01169	00	4,982,300	1/1/91	United States
01171	00	4,970,615	11/20/90	United States
01171	20	5,126,232	6/30/92	United States
01172	00	5,264,980	11/23/93	United States
01175	00	5,105,316	4/14/92	United States
01176	00	5,162,158	11/10/92	United States
02001	00	4,456,937	6/26/84	United States
02002	00	4,471,396	9/11/84	United States
02004	00	4,602,305	7/22/86	United States
02005	00	4,568,992	2/4/86	United States
02006	00	4,614,989	9/30/86	United States
02006	10	4,654,736	3/31/87	United States
02008	00	4,578,721	3/25/86	United States
02009	10	4,725,907	2/16/88	United States
02010	00	4,682,252	7/21/87	United States
02011	00	4,839,761	6/13/89	United States
02012	10	4,896,239	1/23/90	United States
02014	10	4,956,727	9/11/90	United States
02016	00	4,745,501	5/17/88	United States
02017	20	4,967,296	10/30/90	United States
02018	00	4,620,244	10/28/86	United States
02019	00	4,679,102	7/7/87	United States
02020	00	4,746,998	5/24/88	United States
02020	10	4,924,331	5/8/90	United States
02022	00	4,716,480	12/29/87	United States
02023	10	4,847,558	7/11/89	United States
02024	00	4,783,710	11/8/88	United States
02025	02	5,555,139	9/10/96	United States
02026	10	4,881,140	11/14/89	United States
02026	30	5,051,855	9/24/91	United States

TRADEMARK
REEL: 002548 FRAME: 0066

02027	10	4,739,239	4/19/88	United States
02028	10	4,992,686	2/12/91	United States
02029	00	4,768,115	8/30/88	United States
02030	00	4,812,928	3/14/89	United States
02031	00	4,841,393	6/20/89	United States
02032	10	4,982,301	1/1/91	United States
02033	00	4,949,036	8/14/90	United States
02034	00	4,847,712	7/11/89	United States
02034	10	4,858,044	8/15/89	United States
02035	00	4,845,579	7/4/89	United States
02036	00	5,023,148	6/11/91	United States
02037	00	4,996,617	2/26/91	United States
02038	00	4,864,443	9/5/89	United States
02039	00	4,845,581	7/4/89	United States
02040	00	5,079,653	1/7/92	United States
02041	00	4,945,311	7/31/90	United States
02042	00	4,926,077	5/15/90	United States
02043	00	4,885,517	12/5/89	United States
02044	10	4,928,054	5/24/90	United States
02045	10	4,901,215	2/13/90	United States
02046	10	4,998,987	3/12/91	United States
02047	00	4,890,176	12/26/89	United States
02047	10	4,947,274	8/7/90	United States
02047	30	5,224,000	6/29/93	United States
02048	00	4,933,791	6/12/90	United States
02049	20	5,274,517	12/28/93	United States
02052	00	4,888,656	12/12/89	United States
02053	00	4,896,231	1/23/90	United States
02054	00	4,893,205	1/9/90	United States
02055	00	4,888,655	12/12/89	United States
02056	00	5,182,685	1/26/93	United States
02058	00	4,933,788	6/12/90	United States
02063	00	4,979,063	12/18/90	United States
02067	10	4,749,465	6/7/88	United States
02078	00	5,227,709	7/13/93	United States
02091	00	5,347,638	9/13/94	United States
02093	00	5,023,737	6/11/91	United States
02096	00	5,463,514	10/31/95	United States
02097	00	5,280,601	1/18/94	United States
02098	00	5,045,811	9/3/91	United States
02102	00	5,043,606	8/27/91	United States
02103	00	5,255,383	10/19/93	United States
02105	00	5,367,652	11/22/94	United States
02107	10	5,352,947	10/4/94	United States

TRADEMARK
REEL: 002548 FRAME: 0067

02107	11	6,316,853 B1	11/13/01	United States
02112	00	5,128,820	7/7/92	United States
02115	00	5,001,405	3/19/91	United States
02123	00	5,062,018	10/29/91	United States
02129	10	5,317,559	5/31/94	United States
02131	00	5,117,165	5/26/92	United States
02132	02	5,557,152	9/17/96	United States
02134	00	4,992,710	2/12/91	United States
02135	00	5,028,852	7/2/91	United States
02136	10	5,245,256	9/14/93	United States
02137	06	5,872,688	2/16/99	United States
02137	07	6,069,766	5/30/00	United States
02137	15	5,835,310	11/10/98	United States
02137	16	5,841,610	11/24/98	United States
02137	30	5,808,838	9/15/98	United States
02138	01	5,282,101	1/25/94	United States
02138	10	5,150,267	9/22/92	United States
02141	00	5,060,099	10/22/91	United States
02145	00	5,341,260	8/23/94	United States
02146	00	5,203,360	4/20/93	United States
02147	10	5,468,111	11/21/95	United States
02149	00	5,057,753	10/15/91	United States
02150	00	5,254,914	10/19/93	United States
02155	20	5,333,085	7/26/94	United States
02161	10	5,581,424	12/3/96	United States
02163	00	5,172,282	12/15/92	United States
02171	10	5,341,255	8/23/94	United States
02172	10	5,679,586	10/21/97	United States
02179	10	5,272,580	12/21/93	United States
02182	00	5,177,650	1/5/93	United States
02183	00	5,267,376	12/7/93	United States
02184	10	5,337,202	8/9/94	United States
02185	00	5,161,077	11/3/92	United States
02185	20	5,557,490	9/17/96	United States
02189	10	5,262,913	11/16/93	United States
02190	00	5,327,053	7/5/94	United States
02191	00	5,235,472	8/10/93	United States
02191	10	5,373,213	12/13/94	United States
02197	00	5,495,377	2/27/96	United States
02201	00	5,260,618	11/9/93	United States
02202	10	5,633,568	5/27/97	United States
02206	00	5,262,912	11/16/93	United States
02209	00	5,654,848	8/5/97	United States
02212	00	5,365,389	11/15/94	United States

TRADEMARK
REEL: 002548 FRAME: 0068

02213	10	5,369,345	11/29/94	United States
02215	20	6,204,996 B1	3/20/01	United States
02217	00	6,057,975	5/2/00	United States
02219	00	5,400,197	3/21/95	United States
02221	00	5,327,303	7/5/94	United States
02223	01	5,701,450	12/23/97	United States
02229	00	5,295,030	3/15/94	United States
02230	00	5,572,144	11/5/96	United States
02231	00	5,333,080	7/26/94	United States
02232	01	5,623,384	4/22/97	United States
02232	10	5,612,842	3/18/97	United States
02234	11	5,734,528	3/31/98	United States
02236	01	5,675,230	10/7/97	United States
02237	01	5,600,516	2/4/97	United States
02238	00	5,361,182	11/1/94	United States
02239	00	5,313,354	5/17/94	United States
02241	00	5,485,331	1/16/96	United States
02241	11	5,729,404	3/17/98	United States
02241	12	5,844,748	12/1/98	United States
02243	00	5,313,128	5/17/94	United States
02245	01	5,680,277	10/21/97	United States
02245	10	5,655,285	8/12/97	United States
02245	20	5,584,451	12/17/96	United States
02246	00	5,457,589	10/10/95	United States
02247	10	5,555,146	9/10/96	United States
02248	10	5,600,512	2/4/97	United States
02250	00	5,777,845	7/7/98	United States
02251	00	5,557,550	9/17/96	United States
02252	00	5,615,067	3/25/97	United States
02253	00	5,482,381	1/9/96	United States
02254	10	5,526,203	6/11/96	United States
02255	00	5,430,589	7/4/95	United States
02256	10	5,608,587	3/4/97	United States
02259	00	5,459,921	10/24/95	United States
02259	11	6,229,677 B1	5/8/01	United States
02261	00	5,561,335	10/1/96	United States
02261	10	5,545,937	8/13/96	United States
02265	00	5,424,638	6/13/95	United States
02267	00	5,600,219	2/4/97	United States
02268	00	5,366,080	11/22/94	United States
02269	00	5,570,398	10/29/96	United States
02270	01	5,617,272	4/1/97	United States
02271	00	5,541,460	7/30/96	United States
02271	20	5,619,083	4/8/97	United States

TRADEMARK
REEL: 002548 FRAME: 0069

02271	30	5,578,882	11/26/96	United States
02271	40	5,610,463	3/11/97	United States
02272	10	5,982,580	11/9/99	United States
02273	00	5,541,787	7/30/96	United States
02275	00	5,512,725	4/30/96	United States
02276	00	6,005,751	12/21/99	United States
02277	00	5,500,776	3/19/96	United States
02278	00	5,426,542	6/20/95	United States
02279	00	5,485,328	1/16/96	United States
02281	01	5,721,648	2/24/98	United States
02284	00	5,529,404	6/25/96	United States
02285	00	5,537,272	7/16/96	United States
02286	00	5,696,931	12/9/97	United States
02287	00	5,632,019	5/20/97	United States
02288	00	5,715,418	2/3/98	United States
02288	11	5,983,309	11/9/99	United States
02289	00	5,677,639	10/14/97	United States
02290	10	5,956,201	9/21/99	United States
02290	20	5,917,672	6/29/99	United States
02291	10	5,982,581	11/9/99	United States
02295	00	5,434,719	7/18/95	United States
02296	00	5,696,647	12/9/97	United States
02296	10	5,726,825	3/10/98	United States
02296	20	5,760,992	5/31/98	United States
02296	30	5,751,513	5/12/98	United States
02297	00	5,533,812	7/9/96	United States
02297	01	5,977,674	11/2/99	United States
02298	20	5,710,678	1/20/98	United States
02299	01	6,239,943 B1	5/29/01	United States
02300	00	5,907,455	5/25/99	United States
02301	00	5,524,985	6/11/96	United States
02304	00	5,487,608	1/30/96	United States
02304	10	5,685,647	11/11/97	United States
02305	00	5,473,550	12/5/95	United States
02305	10	5,566,095	10/15/96	United States
02306	00	5,548,458	8/20/96	United States
02306	10	5,815,345	9/29/98	United States
02307	11	5,808,839	9/15/98	United States
02309	00	5,520,038	5/28/96	United States
02311	00	5,754,351	5/19/98	United States
02312	00	5,524,986	6/11/96	United States
02312	11	5,993,066	11/30/99	United States
02313	00	5,646,950	7/8/97	United States
02314	00	5,598,048	1/28/97	United States

02314	10	5,587,617	12/24/96	United States
02315	01	5,801,902	9/1/98	United States
02316	00	5,698,911	12/16/97	United States
02318	10	5,598,071	1/28/97	United States
02318	40	6,080,352	6/27/00	United States
02319	00	5,454,724	10/3/95	United States
02320	00	5,459,362	10/17/95	United States
02320	10	5,659,215	8/19/97	United States
02321	00	6,282,053 B1	8/28/01	United States
02324	00	5,585,976	12/17/96	United States
02325	00	5,481,144	1/2/96	United States
02325	10	5,774,974	7/7/98	United States
02326	00	5,473,484	12/5/95	United States
02327	00	5,452,157	9/19/95	United States
02328	10	5,732,458	3/31/98	United States
02328	20	5,724,718	3/10/98	United States
02328	30	5,712,746	1/27/98	United States
02329	00	5,569,990	10/29/96	United States
02329	10	5,841,252	11/24/98	United States
02331	00	5,601,125	2/11/97	United States
02333	01	5,731,928	3/24/98	United States
02335	00	5,908,247	6/1/99	United States
02336	00	5,653,540	8/5/97	United States
02337	00	5,577,842	11/26/96	United States
02338	00	5,666,716	9/16/97	United States
02338	10	5,793,129	8/11/98	United States
02339	00	5,745,793	4/28/98	United States
02340	00	5,717,535	2/10/98	United States
02342	00	5,590,003	12/31/96	United States
02342	10	5,579,188	11/26/96	United States
02342	20	5,850,318	12/15/98	United States
02343	00	5,600,511	2/4/97	United States
02344	00	5,528,434	6/18/96	United States
02345	00	5,956,204	9/21/99	United States
02346	00	5,619,389	4/8/97	United States
02346	10	5,694,268	12/2/97	United States
02347	00	5,664,314	9/9/97	United States
02347	10	6,084,323	7/4/00	United States
02348	10	5,825,179	10/20/98	United States
02349	00	5,631,999	5/20/97	United States
02350	00	5,737,596	4/7/98	United States
02352	10	RE36,931	10/31/00	United States
02353	00	5,627,476	5/6/97	United States
02354	00	5,784,390	7/21/98	United States

TRADEMARK
REEL: 002548 FRAME: 0071

02354	10	6,192,492 B1	2/20/01	United States
02355	00	5,691,993	11/25/97	United States
02355	10	6,105,159	8/15/00	United States
02356	00	5,949,358	9/7/99	United States
02357	00	5,627,702	5/6/97	United States
02358	00	5,764,436	6/9/98	United States
02359	00	5,562,965	10/8/96	United States
02360	00	6,282,251 B1	8/28/01	United States
02361	00	5,928,750	7/27/99	United States
02362	00	5,768,057	6/16/98	United States
02364	00	5,742,518	4/21/98	United States
02369	00	6,282,049 B1	8/28/01	United States
02370	00	5,923,216	7/13/99	United States
02371	00	5,668,680	9/16/97	United States
02372	00	5,765,203	6/9/98	United States
02374	00	5,930,075	7/27/99	United States
02376	00	5,907,456	5/25/99	United States
02379	01	5,938,343	8/17/99	United States
02380	00	5,697,708	12/16/97	United States
02381	00	5,785,825	7/28/98	United States
02381	10	5,945,191	8/31/99	United States
02382	00	5,801,649	8/2/98	United States
02383	00	5,621,591	4/15/97	United States
02384	00	5,867,341	2/2/99	United States
02385	00	5,790,571	8/4/98	United States
02386	00	5,646,334	7/8/97	United States
02386	10	5,753,791	5/19/98	United States
02386	30	5,708,219	1/13/98	United States
02386	50	5,773,707	6/30/98	United States
02386	60	5,918,289	6/29/99	United States
02386	70	5,869,741	2/9/99	United States
02386	80	5,859,356	1/12/99	United States
02396	00	6,069,572	5/30/00	United States
02396	10	6,233,106 B1	5/15/01	United States
02396	20	6,198,411 B1	3/6/01	United States
02397	00	5,858,566	1/12/99	United States
02397	10	6,077,603	6/20/00	United States
02399	00	5,940,246	8/17/99	United States
02401	00	5,678,929	10/21/97	United States
02402	00	5,772,857	6/30/98	United States
02402	11	5,952,097	9/14/99	United States
02403	00	5,781,374	7/14/98	United States
02406	00	5,828,518	10/27/98	United States
02407	00	5,949,613	9/7/99	United States

TRADEMARK
REEL: 002548 FRAME: 0072

02408	00	5,917,677	6/29/99	United States
02410	00	5,801,951	9/1/98	United States
02411	00	5,795,074	8/18/98	United States
02414	00	5,898,499	4/27/99	United States
02415	00	5,963,029	10/5/99	United States
02416	00	5,949,605	9/7/99	United States
02418	00	5,783,370	7/21/98	United States
02420	00	6,140,790	10/31/00	United States
02422	00	5,936,410	8/10/99	United States
02424	00	5,881,454	3/16/99	United States
02424	10	5,897,386	4/27/99	United States
02426	00	6,201,322 B1	3/13/01	United States
02427	00	5,946,958	9/7/99	United States
02428	00	6,185,807 B1	2/13/01	United States
02428	10	6,347,021 B1	2/12/02	United States
02429	10	6,029,978	2/29/00	United States
02430	00	5,991,104	11/23/99	United States
02430	20	6,181,492 B1	1/30/01	United States
02430	40	6,212,023 B1	4/3/01	United States
02430	50	6,086,961	7/11/00	United States
02432	00	6,067,204	5/23/00	United States
02433	00	6,022,609	2/8/00	United States
02435	00	5,874,169	2/23/99	United States
02435	10	6,235,689 B1	5/22/01	United States
02436	00	5,962,141	10/5/99	United States
02436	10	6,117,964	9/12/00	United States
02436	20	6,121,403	9/19/00	United States
02438	00	5,930,072	7/27/99	United States
02440	00	6,163,430	12/19/00	United States
02442	00	5,732,464	3/31/98	United States
02443	00	5,866,227	2/2/99	United States
02444	00	5,853,820	12/29/98	United States
02444	10	5,958,545	9/28/99	United States
02445	00	5,714,207	2/3/98	United States
02446	00	5,861,196	1/19/99	United States
02447	00	6,000,052	12/7/99	United States
02448	00	6,263,032 B1	7/17/01	United States
02449	00	6,104,765	8/15/00	United States
02450	00	5,816,842	10/6/98	United States
02452	00	6,262,572 B1	7/17/01	United States
02454	00	5,879,783	3/9/99	United States
02455	00	5,841,607	11/24/98	United States
02456	00	6,100,829	8/8/00	United States
02458	00	5,833,067	11/10/98	United States

TRADEMARK
REEL: 002548 FRAME: 0073

02459	00	6,045,931	4/4/00	United States
02460	00	6,010,795	1/4/00	United States
02461	00	5,801,311	9/1/98	United States
02462	00	5,925,946	7/20/99	United States
02463	00	6,052,251	4/18/00	United States
02463	20	6,298,545 B1	10/9/01	United States
02464	00	6,362,933 B1	3/26/02	United States
02467	00	5,982,061	11/9/99	United States
02468	00	5,973,887	10/26/99	United States
02469	00	5,875,073	2/23/99	United States
02469	10	6,115,222	9/5/00	United States
02470	00	6,154,340	11/28/00	United States
02471	00	6,130,796	10/10/00	United States
02472	00	6,061,197	5/9/00	United States
02474	00	6,025,975	2/15/00	United States
02475	00	6,108,175	8/22/00	United States
02477	00	6,119,348	9/19/00	United States
02478	00	4,853,808	8/1/89	United States
02480	00	6,218,028 B1	4/17/01	United States
02481	00	5,837,330	11/17/98	United States
02481	10	6,299,429 B1	10/9/01	United States
02482	00	5,952,058	9/14/99	United States
02482	10	6,303,898 B1	10/16/01	United States
02484	00	6,068,728	5/30/00	United States
02486	00	6,377,424 B1	4/23/02	United States
02487	00	6,144,523	11/7/00	United States
02488	00	5,805,384	9/8/98	United States
02490	00	6,229,670 B1	5/8/01	United States
02491	00	6,157,116	12/5/00	United States
02496	00	6,185,063 B1	2/6/01	United States
02497	00	5,862,841	1/26/99	United States
02497	10	5,894,868	4/20/99	United States
02498	00	6,288,014 B1	9/11/01	United States
02499	00	6,002,549	12/14/99	United States
02502	00	6,233,289 B1	5/15/01	United States
02503	00	5,978,175	11/2/99	United States
02503	10	6,195,895 B1	3/6/01	United States
02505	00	6,144,534	11/7/00	United States
02505	10	6,351,357 B1	2/26/02	United States
02507	00	6,229,678 B1	5/8/01	United States
02507	10	6,235,342 B1	5/22/01	United States
02508	00	6,198,603 B1	3/6/01	United States
02509	00	6,057,982	5/2/00	United States
02510	00	6,031,690	2/29/00	United States

TRADEMARK
REEL: 002548 FRAME: 0074

02513	00	5,875,075	2/23/99	United States
02516	00	6,005,748	12/21/99	United States
02516	10	6,069,768	5/30/00	United States
02517	00	6,137,650	10/24/00	United States
02519	00	6,009,550	12/28/99	United States
02521	00	6,121,701	9/19/00	United States
02524	00	5,965,966	10/12/99	United States
02525	00	6,057,616	5/2/00	United States
02526	00	6,154,870	11/28/00	United States
02528	00	6,107,945	8/22/00	United States
02529	00	6,117,281	9/12/00	United States
02530	00	6,080,486	6/27/00	United States
02532	00	6,128,164	10/3/00	United States
02534	10	6,201,668 B1	3/13/01	United States
02535	10	6,356,401 B1	3/12/02	United States
02536	00	6,094,342	7/25/00	United States
02538	00	6,055,123	4/25/00	United States
02539	00	5,973,879	10/26/99	United States
02540	00	6,245,417 B1	6/12/01	United States
02541	00	6,061,894	5/16/00	United States
02541	10	6,295,722 B1	10/2/01	United States
02542	00	6,148,388	11/14/00	United States
02543	00	6,021,482	2/1/00	United States
02544	00	6,142,006	11/7/00	United States
02544	10	6,293,135 B1	9/25/01	United States
02545	00	6,055,140	4/25/00	United States
02546	00	6,314,799 B1	11/13/01	United States
02547	00	6,099,896	8/8/00	United States
02548	00	6,319,600 B1	11/20/01	United States
02550	00	6,212,031 B1	4/3/01	United States
02552	00	6,094,973	8/1/00	United States
02553	00	6,362,542 B1	3/26/02	United States
02553	10	6,289,564 B1	9/18/01	United States
02555	00	6,351,822 B1	2/26/02	United States
02556	00	6,147,322	11/14/00	United States
02557	00	6,121,573	9/19/00	United States
02558	00	6,214,434 B1	4/10/01	United States
02559	00	6,214,410 B1	4/10/01	United States
02560	00	6,110,582	8/29/00	United States
02561	00	6,165,583	12/26/00	United States
02562	00	6,146,754	11/14/00	United States
02566	00	6,124,776	9/26/00	United States
02567	00	6,129,612	10/10/00	United States
02568	00	6,155,914	12/5/00	United States

TRADEMARK
REEL: 002548 FRAME: 0075

02568	10	6,277,005 B1	8/21/01	United States
02569	00	5,997,179	12/7/99	United States
02571	00	6,069,767	5/30/00	United States
02572	00	6,130,802	10/10/00	United States
02572	10	6,292,328 B1	9/18/01	United States
02573	00	6,139,981	10/31/00	United States
02574	00	5,965,215	10/12/99	United States
02574	10	6,204,474 B1	3/20/01	United States
02575	00	6,021,032	2/1/00	United States
02575	10	6,180,916 B1	1/30/01	United States
02576	00	6,207,926 B1	3/27/01	United States
02578	00	6,148,501	11/21/00	United States
02579	00	6,019,516	2/1/00	United States
02579	10	6,280,088 B1	8/28/01	United States
02580	00	6,149,161	11/21/00	United States
02581	00	6,154,339	11/28/00	United States
02582	00	5,997,357	12/7/99	United States
02583	00	5,980,113	11/9/99	United States
02584	00	6,118,620	9/12/00	United States
02586	00	6,130,801	10/10/00	United States
02594	00	6,153,284	11/28/00	United States
02595	00	5,985,105	11/16/99	United States
02596	00	6,010,557	1/4/00	United States
02599	00	6,226,767 B1	5/1/01	United States
02600	10	6,190,749 B1	2/20/01	United States
02601	00	6,187,413 B1	2/13/01	United States
02603	00	6,162,521	12/19/00	United States
02605	00	6,130,807	10/10/00	United States
02606	00	6,099,937	8/8/00	United States
02610	00	6,018,438	1/25/00	United States
02612	00	6,166,536	12/26/00	United States
02613	00	6,265,868 B1	7/24/01	United States
02614	00	6,304,081 B1	10/16/01	United States
02615	00	6,150,016	11/21/00	United States
02616	00	6,242,086 B1	6/5/01	United States
02617	00	6,132,863	10/17/00	United States
02618	00	6,156,422	12/5/00	United States
02619	00	6,120,890	9/19/00	United States
02620	00	6,168,861 B1	1/2/01	United States
02621	00	6,139,951	10/31/00	United States
02622	00	6,221,481 B1	4/24/01	United States
02625	00	6,207,269 B1	3/27/01	United States
02629	00	6,106,927	8/22/00	United States
02631	00	6,218,003 B1	4/17/01	United States

TRADEMARK
REEL: 002548 FRAME: 0076

02632	00	6,226,146 B1	5/1/01	United States
02633	00	6,238,809 B1	5/29/01	United States
02638	00	6,359,747 B1	3/19/02	United States
02639	00	5,999,261	12/7/99	United States
02640	00	6,267,004 B1	7/31/01	United States
02641	00	6,140,814	10/31/00	United States
02642	10	6,363,777 B1	4/2/02	United States
02643	00	6,296,390 B1	10/2/01	United States
02644	00	6,238,796 B1	5/29/01	United States
02645	00	6,000,282	12/14/99	United States
02648	00	6,084,745	7/4/00	United States
02650	10	6,338,811 B2	1/14/02	United States
02653	00	6,317,856 B1	11/13/01	United States
02654	00	6,183,135 B1	2/6/01	United States
02656	00	6,003,364	12/21/99	United States
02665	00	6,117,570	9/12/00	United States
02668	00	6,319,583 B1	11/20/01	United States
02669	00	6,021,666	2/8/00	United States
02674	00	6,241,427 B1	6/5/01	United States
02675	00	6,231,676 B1	5/15/01	United States
02684	00	6,121,703	9/19/00	United States
02684	10	6,004,036	12/21/99	United States
02685	00	6,149,159	11/21/00	United States
02686	00	6,369,900 B1	4/9/02	United States
02687	00	6,105,421	8/22/00	United States
02687	10	6,272,909 B1	8/14/01	United States
02690	00	6,208,489 B1	3/27/01	United States
02691	00	6,360,428 B1	3/26/02	United States
02694	00	6,112,582	9/5/00	United States
02696	00	6,238,780 B1	5/29/01	United States
02698	00	6,104,570	8/15/00	United States
02700	00	6,055,126	4/25/00	United States
02700	10	6,285,527 B1	9/4/01	United States
02701	00	5,969,903	10/19/99	United States
02703	00	6,322,252 B1	11/27/01	United States
02704	00	6,221,442 B1	4/24/01	United States
02705	00	6,320,728 B1	11/20/01	United States
02707	00	6,169,631 B1	1/2/01	United States
02707	10	6,297,910 B1	10/2/01	United States
02709	00	6,356,405 B1	3/12/02	United States
02715	00	6,301,797 B1	10/16/01	United States
02722	00	6,188,547 B1	2/13/01	United States
02723	00	6,267,869 B1	7/31/01	United States
02725	00	6,139,950	10/31/00	United States

TRADEMARK
REEL: 002548 FRAME: 0077

02727	00	6,181,039 B1	1/30/01	United States
02729	00	6,065,877	5/23/00	United States
02730	00	6,349,076 B1	2/19/02	United States
02731	00	6,156,154	12/5/00	United States
02732	00	6,264,404 B1	7/24/01	United States
02734	00	6,125,072	9/26/00	United States
02735	00	6,136,421	10/24/00	United States
02741	00	6,348,266 B1	2/19/02	United States
02743	00	6,312,798 B1	11/6/01	United States
02746	00	6,344,948 B1	2/5/02	United States
02751	00	6,348,276 B1	2/19/02	United States
02756	00	6,346,339 B1	2/12/02	United States
02761	00	6,316,097 B1	11/13/01	United States
02762	00	6,313,647 B1	11/6/01	United States
02765	00	6,340,521 B1	1/22/02	United States
02766	00	6,335,080 B1	1/1/02	United States
02767	00	6,268,073 B1	7/31/01	United States
02769	00	6,322,880 B1	11/27/01	United States
02770	00	6,355,342 B1	3/12/02	United States
02784	00	6,335,300 B1	3/12/02	United States
02786	00	6,324,131 B1	11/27/01	United States
02789	00	6,335,063 B1	1/2/02	United States
02805	00	6,251,257 B1	6/26/01	United States
02806	00	6,242,831 B1	6/5/01	United States
02811	00	6,305,439 B1	10/23/01	United States
02824	00	6,286,453 B1	9/11/01	United States
02831	00	6,303,214 B1	10/16/01	United States
02837	00	6,220,442 B1	4/24/01	United States
02837	10	D446,115 B1	8/7/01	United States
02838	00	6,309,516 B1	10/30/01	United States
02839	00	6,358,394 B1	3/19/02	United States
02856	00	6,187,954 B1	2/13/01	United States
02857	00	6,290,821 B1	9/18/01	United States
02870	00	6,376,097 B1	4/23/02	United States
02874	00	6,328,856 B1	12/11/01	United States
02896	10	6,317,414 B1	4/23/02	United States
04001	00	6,130,798	10/10/00	United States
04039	02	4,829,395	5/9/89	United States
04042	02	4,876,491	10/24/89	United States
04049	01	4,763,314	8/9/88	United States
04051	01	4,979,056	12/18/90	United States
04053	02	4,979,055	12/18/90	United States
04054	02	4,979,062	12/18/90	United States
04054	03	5,029,026	7/2/91	United States

TRADEMARK
REEL: 002548 FRAME: 0078

04055	03	5,041,934	8/20/91	United States
04056	03	5,216,662	6/1/93	United States
04057	01	4,779,251	10/18/88	United States
04058	04	6,279,108 B1	8/21/01	United States
04060	00	4,965,684	10/23/90	United States
04060	08	5,847,896	12/8/98	United States
04060	09	5,621,582	4/15/97	United States
04061	12	5,956,213	9/21/99	United States
04064	02	5,170,300	12/8/92	United States
04064	04	5,452,159	9/19/95	United States
04065	01	4,985,793	1/15/91	United States
04066	02	5,193,046	3/9/93	United States
04066	05	5,317,463	5/31/94	United States
04068	01	4,933,785	6/12/90	United States
04068	02	5,231,549	7/27/93	United States
04068	06	5,872,669	2/16/99	United States
04070	02	5,097,368	3/17/92	United States
04070	06	5,488,521	1/30/96	United States
04071	08	5,526,204	6/11/96	United States
04072	03	5,402,200	3/28/95	United States
04072	05	5,521,768	5/28/96	United States
04072	11	5,854,720	12/29/98	United States
04073	01	4,933,927	6/12/90	United States
04075	01	5,025,335	6/18/91	United States
04075	10	5,808,830	9/15/98	United States
04075	13	6,226,143 B1	5/1/01	United States
04076	01	4,965,476	10/23/90	United States
04077	01	5,050,016	9/17/91	United States
04078	02	5,121,262	6/9/92	United States
04079	01	5,223,993	6/29/93	United States
04079	04	5,477,401	12/19/95	United States
04080	02	5,293,282	3/8/94	United States
04081	03	5,157,295	10/20/92	United States
04082	02	5,031,062	7/9/91	United States
04083	01	5,025,336	6/18/91	United States
04083	05	5,463,507	10/31/95	United States
04083	06	5,537,270	7/16/96	United States
04099	04	5,381,281	1/10/95	United States
04103	02	5,274,773	12/28/93	United States
04105	01	5,043,973	8/27/91	United States
04106	03	5,329,412	7/12/94	United States
04108	01	5,181,148	1/19/93	United States
04110	01	5,274,288	12/28/93	United States
04111	02	5,305,302	4/19/94	United States

TRADEMARK
REEL: 002548 FRAME: 0079

04111	05	5,499,232	3/12/96	United States
04112	01	5,270,999	12/14/93	United States
04113	02	5,261,058	11/9/93	United States
04113	03	5,412,666	5/2/95	United States
04113	04	5,610,808	3/11/97	United States
04119	03	5,796,557	8/18/98	United States
04120	05	5,530,600	6/25/96	United States
04123	01	5,155,433	10/13/92	United States
04132	02	5,532,889	7/2/96	United States
04133	03	6,156,171	12/5/00	United States
04133	04	5,814,196	9/29/98	United States
04133	05	5,972,184	10/26/99	United States
04133	07	5,683,561	11/4/97	United States
04135	01	5,311,763	5/17/94	United States
04143	01	5,566,347	10/15/96	United States
04149	03	5,680,273	10/21/97	United States
04150	02	5,559,650	9/24/96	United States
04151	07	6,011,670	1/4/00	United States
04154	01	5,404,636	4/11/95	United States
04155	02	6,317,296 B1	11/13/01	United States
04156	02	5,805,377	9/8/98	United States
04158	01	5,490,024	2/6/96	United States
04162	02	5,523,901	6/4/96	United States
04163	01	5,473,431	12/5/95	United States
04165	01	5,410,722	4/25/95	United States
04166	01	5,408,501	4/18/95	United States
04167	01	5,428,787	6/27/95	United States
04168	01	5,459,850	10/17/95	United States
04169	01	5,506,958	4/9/96	United States
04173	01	5,465,338	11/7/95	United States
04176	02	5,844,754	12/1/98	United States
04177	01	5,589,996	12/31/96	United States
04180	01	5,355,486	10/11/94	United States
04181	01	5,586,250	12/17/96	United States
04181	02	5,835,700	11/10/98	United States
04181	10	5,966,510	10/12/99	United States
04183	01	5,561,823	10/1/96	United States
04185	01	6,088,190	7/11/00	United States
04188	01	5,830,331	11/3/98	United States
04191	02	5,612,838	3/18/97	United States
04193	02	6,222,692 B1	4/24/01	United States
04194	01	6,151,177	11/21/00	United States
04195	01	5,504,790	4/2/96	United States
04196	02	5,739,981	4/14/98	United States

TRADEMARK
REEL: 002548 FRAME: 0080

04197	01	5,497,085	3/5/96	United States
04198	02	6,014,288	1/11/00	United States
04198	10	5,985,163	11/16/99	United States
04199	01	5,677,808	10/14/97	United States
04204	02	6,125,016	9/26/00	United States
04205	01	5,517,376	5/14/96	United States
04206	02	5,801,505	9/1/98	United States
04207	01	5,750,270	5/12/98	United States
04208	01	5,594,595	1/14/97	United States
04209	01	5,545,989	8/13/96	United States
04211	01	6,124,992	9/26/00	United States
04213	01	5,831,851	11/3/98	United States
04214	01	5,585,974	12/17/96	United States
04215	01	5,660,114	8/26/97	United States
04217	01	5,742,446	4/21/98	United States
04218	01	5,734,522	3/31/98	United States
04219	01	5,608,583	3/4/97	United States
04220	01	5,570,241	10/29/96	United States
04221	01	5,570,244	10/29/96	United States
04222	01	5,596,461	1/21/97	United States
04223	01	6,170,031 B1	1/2/01	United States
04224	01	6,122,121	9/19/00	United States
04225	01	5,600,506	2/4/97	United States
04226	01	5,801,901	9/1/98	United States
04227	01	6,239,935 B1	5/29/01	United States
04227	10	6,061,198 B1	5/29/01	United States
04228	01	5,664,889	9/9/97	United States
04229	01	5,825,578	10/20/98	United States
04230	01	5,784,216	7/21/98	United States
04232	01	5,694,271	12/2/97	United States
04236	00	5,830,584	11/3/98	United States
04237	00	5,733,370	3/31/98	United States
04239	00	5,996,045	11/30/99	United States
04242	01	5,774,299	6/30/98	United States
04243	00	6,031,685	2/29/00	United States
04245	00	6,020,045	2/1/00	United States
04246	00	5,968,608	10/19/99	United States
04246	10	5,945,197	8/31/99	United States
04247	00	5,955,154	9/21/99	United States
04247	10	6,093,472	7/25/00	United States
04252	00	6,157,984	12/5/00	United States
04253	00	5,783,797	7/21/98	United States
04256	01	5,718,811	2/17/98	United States
04256	10	5,985,410	11/16/99	United States

04257	00	5,469,573	11/21/95	United States
04260	00	6,157,985	12/5/00	United States
04262	00	5,666,243	9/9/97	United States
04263	01	5,763,071	6/9/98	United States
04283	00	6,093,495	7/25/00	United States
04286	00	5,895,712	4/20/99	United States
05001	00	6,044,056	3/28/00	United States
05002	00	5,940,549	8/17/99	United States
05003	00	5,850,375	12/15/98	United States
05004	00	6,058,094	5/2/00	United States
05005	00	6,178,150 B1	1/23/01	United States
05007	00	5,903,525	5/11/99	United States
05008	00	6,226,233 B1	5/1/01	United States
05009	30	5,999,303	12/7/99	United States
05009	40	6,360,035 B1	3/19/02	United States
05010	00	6,061,323	5/9/00	United States
05010	10	6,046,966	4/4/00	United States
05010	20	6,076,256	6/20/00	United States
05010	30	6,200,882 B1	3/13/01	United States
05011	00	6,147,841	11/14/00	United States
05012	00	5,892,745	4/6/99	United States
05012	10	6,052,348	4/18/00	United States
05012	20	6,331,968 B1	12/18/01	United States
05013	00	6,034,938	3/7/00	United States
05013	10	6,081,499	6/27/00	United States
05015	00	6,018,512	1/25/00	United States
05016	00	6,178,144 B1	1/23/01	United States
05017	10	6,275,455 B1	8/14/01	United States
05018	00	5,889,641	3/30/99	United States
05019	00	5,875,074	2/23/99	United States
05019	10	6,091,577	7/18/00	United States
05020	00	5,974,019	10/26/99	United States
05024	00	5,699,175	12/16/97	United States
05024	10	5,864,412	1/26/99	United States
05027	00	6,108,088	8/22/00	United States
05029	00	5,886,959	3/23/99	United States
05030	00	5,822,090	10/13/98	United States
05031	00	6,345,021 B1	2/5/02	United States
05032	00	6,115,329	9/5/00	United States
05034	00	6,204,989 B1	3/20/01	United States
05035	00	6,278,667 B1	8/21/01	United States
05036	00	6,185,174 B1	2/6/01	United States
05037	00	6,154,438	11/28/00	United States
05038	00	6,330,279 B1	12/11/01	United States

TRADEMARK
REEL: 002548 FRAME: 0082

05041	00	6,262,970 B1	7/17/01	United States
05042	00	6,259,670 B1	7/10/01	United States
05044	00	6,298,027 B1	10/2/01	United States
05048	00	6,264,848 B1	7/24/01	United States
05049	00	6,049,430	4/11/00	United States
05053	00	6,049,650	4/11/00	United States
05057	00	6,208,594 B1	2/27/01	United States
05059	00	6,307,818 B1	10/23/01	United States
05061	00	6,052,197	4/18/00	United States
05062	00	6,102,584	8/15/00	United States
05063	00	5,998,906	12/7/99	United States
05066	00	6,128,122	10/3/00	United States
05069	00	6,349,079 B1	2/19/02	United States
05076	00	6,317,210 B1	11/13/01	United States
05078	00	6,324,319 B1	11/27/01	United States
08000	00	5,247,633	9/21/93	United States
08000	20	5,327,549	7/5/94	United States
08001	00	5,018,095	5/21/91	United States
08002	10	5,240,590	8/31/93	United States
08003	00	5,017,439	5/21/91	United States
08004	00	5,001,589	3/19/91	United States
08005	00	5,001,888	3/26/91	United States
08006	20	RE35,228	12/8/92	United States
08012	00	4,992,901	2/12/91	United States
08015	00	5,079,659	1/7/92	United States
08016	00	5,156,919	10/20/92	United States
08017	00	5,116,719	5/26/92	United States
08018	00	4,985,792	1/15/91	United States
08022	10	5,091,680	2/25/92	United States
08024	00	5,012,367	4/30/91	United States
08024	10	5,191,705	3/9/93	United States
08024	20	5,035,044	7/30/91	United States
08025	00	5,216,343	6/1/93	United States
08028	00	5,030,906	7/9/91	United States
08034	00	5,150,050	9/22/92	United States
08035	00	5,132,855	7/21/92	United States
08037	00	5,150,266	9/22/92	United States
08040	10	5,166,847	11/24/92	United States
08041	10	5,237,463	8/17/93	United States
08041	20	5,237,464	8/17/93	United States
08042	00	5,189,571	2/23/93	United States
08044	00	5,166,842	11/24/92	United States
08047	10	5,253,125	10/12/93	United States
08048	00	5,065,094	11/12/91	United States

TRADEMARK
REEL: 002548 FRAME: 0083

08049	00	5,201,458	4/13/93	United States
08051	00	5,136,439	8/4/92	United States
08051	11	5,182,682	1/26/93	United States
08051	20	5,117,408	5/26/92	United States
08052	10	5,287,227	2/15/94	United States
08053	00	5,295,029	3/15/94	United States
08053	10	5,212,607	5/18/93	United States
08053	41	5,295,027	3/15/94	United States
08053	50	5,305,164	4/19/94	United States
08053	70	5,295,028	3/15/94	United States
08057	00	5,220,569	6/15/93	United States
08060	20	5,093,595	3/3/92	United States
08061	00	5,027,239	6/25/91	United States
08063	10	5,050,026	9/17/91	United States
08065	10	5,130,877	7/14/92	United States
08065	20	5,184,394	2/9/93	United States
08066	00	5,162,954	11/10/92	United States
08067	00	5,097,584	3/24/92	United States
08067	10	5,142,770	9/1/92	United States
08070	10	5,303,105	4/12/94	United States
08071	00	5,208,715	5/4/93	United States
08072	00	5,335,118	8/2/94	United States
08073	00	5,212,445	5/19/93	United States
08074	00	5,257,149	10/26/93	United States
08075	00	5,146,372	9/8/92	United States
08076	00	5,210,669	5/11/93	United States
08076	20	5,471,354	11/28/95	United States
08077	00	5,210,666	5/11/93	United States
08078	00	5,225,950	7/6/93	United States
08079	00	5,185,681	2/9/93	United States
08080	10	5,323,284	6/21/94	United States
08080	20	5,390,060	2/14/95	United States
08081	00	5,136,445	8/4/92	United States
08082	00	5,241,430	8/31/93	United States
08083	00	5,140,479	8/18/92	United States
08084	00	5,247,653	9/21/93	United States
08085	00	5,134,530	7/28/92	United States
08086	20	5,600,517	2/4/97	United States
08087	00	5,091,809	2/25/92	United States
08088	00	5,089,922	2/18/92	United States
08090	00	5,247,448	9/21/93	United States
08091	10	5,305,163	4/19/94	United States
08092	00	5,097,978	3/24/92	United States
08095	00	5,233,493	8/3/93	United States

08097	10	5,267,109	11/30/93	United States
08098	00	5,095,396	3/10/92	United States
08101	00	5,084,957	2/4/92	United States
08101	10	5,137,750	8/11/92	United States
08101	40	5,406,434	4/11/95	United States
08102	00	5,198,948	3/30/93	United States
08103	00	5,267,107	11/30/93	United States
08104	00	5,691,617	11/25/97	United States
08105	10	5,262,911	11/16/93	United States
08108	00	5,157,567	10/20/92	United States
08110	00	5,475,545	12/12/95	United States
08112	00	5,136,450	8/4/92	United States
08113	10	5,784,611	7/21/98	United States
08115	00	5,114,532	5/19/92	United States
08116	20	RE35,800	8/30/94	United States
08117	00	5,161,074	11/3/92	United States
08118	00	5,064,377	11/12/91	United States
08120	20	5,699,605	12/23/97	United States
08121	00	5,181,152	1/19/93	United States
08121	10	5,373,624	12/20/94	United States
08124	00	5,260,652	11/9/93	United States
08126	00	5,461,528	10/24/95	United States
08130	00	5,130,870	7/14/92	United States
08132	10	5,475,550	12/12/95	United States
08134	00	5,875,067	2/23/99	United States
08134	20	6,075,672	6/13/00	United States
08134	30	6,081,406	6/27/00	United States
08135	00	5,249,254	9/28/93	United States
08136	00	5,233,486	8/3/93	United States
08137	00	5,231,556	7/27/93	United States
08138	00	5,262,907	11/16/93	United States
08139	00	5,256,249	10/26/93	United States
08139	10	5,363,265	11/8/94	United States
08140	00	5,329,409	7/12/94	United States
08141	00	5,305,447	4/19/94	United States
08141	10	6,198,591 B1	3/6/01	United States
08144	00	5,315,465	5/24/94	United States
08148	00	5,214,549	5/25/93	United States
08149	00	5,258,876	11/2/93	United States
08150	00	5,305,160	4/19/94	United States
08150	10	5,835,302	11/10/98	United States
08151	10	5,657,179	8/12/97	United States
08152	00	5,646,804	7/8/97	United States
08155	11	5,563,753	10/8/96	United States

08159	00	5,347,413	9/13/94	United States
08159	10	5,553,374	8/10/96	United States
08159	20	5,471,735	12/5/95	United States
08161	00	5,381,424	1/10/95	United States
08163	00	5,376,850	12/27/94	United States
08163	10	5,847,476	12/8/98	United States
08165	00	5,592,340	1/7/97	United States
08165	10	5,682,125	10/28/97	United States
08166	20	5,392,171	2/21/95	United States
08166	40	5,596,459	1/21/97	United States
08167	00	5,402,074	3/28/95	United States
08168	01	5,434,731	7/18/95	United States
08168	02	5,428,490	6/27/95	United States
08168	03	5,504,640	4/2/96	United States
08168	10	5,331,489	7/19/94	United States
08168	20	5,923,500	7/13/99	United States
08169	10	5,612,841	3/18/97	United States
08170	00	5,331,479	7/19/94	United States
08171	10	5,446,606	8/29/95	United States
08173	10	5,682,284	10/28/97	United States
08174	00	5,463,805	11/7/95	United States
08174	10	5,559,429	9/24/96	United States
08175	00	5,825,593	10/20/98	United States
08176	00	5,524,343	6/11/96	United States
08176	10	5,539,597	7/23/96	United States
08177	00	5,276,662	1/4/94	United States
08178	00	5,311,384	5/10/94	United States
08182	00	5,493,463	2/20/96	United States
08184	10	5,737,155	4/7/98	United States
08184	11	5,736,060	4/7/98	United States
08185	00	5,666,250	9/9/97	United States
08185	10	6,125,010	9/26/00	United States
08186	02	5,737,156	4/7/98	United States
08187	02	5,566,038	10/15/96	United States
08188	00	5,313,355	5/17/94	United States
08191	00	5,430,768	7/4/95	United States
08193	00	5,424,885	6/13/95	United States
08194	00	5,491,598	2/13/96	United States
08196	00	5,357,386	10/18/94	United States
08198	00	5,859,745	1/12/99	United States
08199	10	5,442,505	8/15/95	United States
08200	00	5,764,440	6/9/98	United States
08201	00	5,617,425	4/1/97	United States
08202	01	5,751,512	5/12/98	United States

TRADEMARK
REEL: 002548 FRAME: 0086

08203	00	5,777,816	7/7/98	United States
08204	00	5,402,290	3/28/95	United States
08205	01	5,654,853	8/5/97	United States
08205	10	5,923,499	7/13/99	United States
08209	00	6,061,201	5/9/00	United States
08213	00	6,125,047	9/26/00	United States
08214	00	5,381,291	1/10/95	United States
08215	10	5,515,219	5/7/96	United States
08215	20	5,624,581	4/29/97	United States
08216	00	5,469,305	11/21/95	United States
08218	00	5,638,234	6/10/97	United States
08219	00	5,459,757	10/17/95	United States
08222	10	5,640,753	6/24/97	United States
08222	11	5,668,689	9/16/97	United States
08223	01	5,644,452	7/1/97	United States
08224	00	5,537,112	7/16/96	United States
08226	00	5,390,420	2/21/95	United States
08227	00	5,644,455	7/1/97	United States
08228	10	5,666,247	9/9/97	United States
08229	10	5,514,953	5/7/96	United States
08230	00	5,627,843	5/6/97	United States
08231	01	5,606,473	2/25/97	United States
08231	10	5,982,578	11/9/99	United States
08232	00	5,498,840	3/12/96	United States
08233	21	5,818,654	10/6/98	United States
08233	31	6,295,176 B1	9/25/01	United States
08234	00	5,879,570	3/9/99	United States
08234	10	6,108,172	8/22/00	United States
08235	00	5,410,402	4/25/95	United States
08235	10	5,453,831	9/26/95	United States
08237	00	6,115,205	9/5/00	United States
08238	01	5,669,133	9/23/97	United States
08239	00	5,712,565	1/27/98	United States
08240	01	5,610,783	3/11/97	United States
08240	10	5,774,975	6/7/98	United States
08241	10	5,570,332	10/29/96	United States
08242	00	5,416,335	5/16/95	United States
08243	00	5,995,325	11/30/99	United States
08243	10	5,555,619	9/17/96	United States
08244	00	5,269,895	12/14/93	United States
08246	00	6,118,627	9/12/00	United States
08247	00	5,546,256	8/13/96	United States
08247	10	5,598,309	1/28/97	United States
08248	01	6,233,117 B1	5/15/01	United States

TRADEMARK
REEL: 002548 FRAME: 0087

08250	00	5,495,378	2/27/96	United States
08250	10	5,554,265	9/10/96	United States
08251	00	6,327,111 B1	12/4/01	United States
08252	00	5,482,164	1/9/96	United States
08254	00	5,600,500	2/4/97	United States
08257	00	6,048,255	4/11/00	United States
08258	00	5,550,692	8/27/96	United States
08261	00	5,991,113	11/23/99	United States
08262	00	5,552,884	9/3/96	United States
08263	00	5,555,144	9/10/96	United States
08265	00	5,717,548	2/10/98	United States
08266	00	5,850,320	12/15/98	United States
08267	01	5,870,265	2/9/99	United States
08267	10	6,075,677	6/13/00	United States
08267	20	6,231,801 B1	5/15/01	United States
08268	00	5,774,305	6/30/98	United States
08269	10	5,946,163	8/31/99	United States
08270	00	5,615,069	3/25/97	United States
08270	10	5,737,826	4/14/98	United States
08271	00	5,613,293	3/25/97	United States
08272	10	6,008,979	12/28/99	United States
08272	20	5,855,301	1/5/99	United States
08274	00	5,737,519	4/7/98	United States
08276	00	5,742,800	4/21/98	United States
08277	00	5,844,743	12/1/98	United States
08278	00	5,835,300	11/10/98	United States
08279	00	5,601,444	2/11/97	United States
08280	00	5,687,036	11/11/97	United States
08283	00	5,661,615	8/26/97	United States
08284	00	5,654,841	8/5/97	United States
08288	00	5,681,426	10/28/97	United States
08288	10	6,215,630 B1	4/10/01	United States
08289	00	5,640,292	6/17/97	United States
08289	10	5,718,949	2/17/98	United States
08290	00	5,658,470	8/19/97	United States
08291	00	5,731,930	3/24/98	United States
08292	00	5,760,990	6/2/98	United States
08293	00	5,748,412	5/5/98	United States
08294	00	6,122,127	9/19/00	United States
08294	10	6,288,863 B1	9/11/01	United States
08295	00	5,774,285	6/30/98	United States
08296	00	5,710,677	1/20/98	United States
08298	00	5,711,063	1/27/98	United States
08298	10	5,896,246	4/20/99	United States

TRADEMARK
REEL: 002548 FRAME: 0088

08299	10	6,036,813	3/14/00	United States
08300	00	5,801,899	9/1/98	United States
08300	02	6,021,019	2/1/00	United States
08300	03	6,172,843 B1	1/9/01	United States
08300	04	6,084,744	7/4/00	United States
08300	06	6,226,145 B1	5/1/01	United States
08301	00	5,663,724	9/2/97	United States
08302	00	5,802,080	9/1/98	United States
08303	00	5,633,570	5/27/97	United States
08304	00	5,650,954	7/22/97	United States
08305	00	5,731,768	3/24/98	United States
08308	00	6,088,662	7/11/00	United States
08309	00	5,784,219	7/21/98	United States
08310	00	5,666,239	9/9/97	United States
08311	00	5,777,821	7/7/98	United States
08312	00	6,292,332 B1	9/18/01	United States
08314	00	5,774,297	6/30/98	United States
08315	00	5,722,155	3/3/98	United States
08315	10	6,047,224	4/4/00	United States
08316	00	5,781,378	7/14/98	United States
08317	00	5,774,304	6/30/98	United States
08318	00	5,754,371	5/19/98	United States
08319	00	5,742,995	4/28/98	United States
08319	10	6,003,361	12/21/99	United States
08320	00	5,764,437	6/9/98	United States
08321	00	5,764,056	6/9/98	United States
08322	00	5,824,387	10/20/98	United States
08323	00	5,650,900	7/22/97	United States
08323	10	5,820,945	10/13/98	United States
08324	00	5,721,816	2/24/98	United States
08326	00	5,909,342	6/1/99	United States
08327	00	5,858,474	1/12/99	United States
08327	10	6,153,281	11/28/00	United States
08328	00	5,730,191	3/24/98	United States
08329	00	5,901,001	5/4/99	United States
08330	00	5,781,377	7/14/98	United States
08331	00	5,705,868	1/6/98	United States
08332	10	5,883,759	3/16/99	United States
08333	00	5,774,294	6/30/98	United States
08334	00	5,712,748	1/27/98	United States
08335	00	5,748,407	5/5/98	United States
08336	00	5,864,444	1/26/99	United States
08337	00	6,225,595 B1	5/1/01	United States
08338	00	5,999,380	12/7/99	United States

TRADEMARK
REEL: 002548 FRAME: 0089

08339	00	5,930,068	7/27/99	United States
08340	00	5,757,580	5/26/98	United States
08341	00	5,776,537	7/7/98	United States
08342	00	6,073,337	6/13/00	United States
08342	10	6,017,264	1/21/00	United States
08342	30	6,295,719 B1	10/2/01	United States
08343	00	6,046,879	4/4/00	United States
08344	00	5,859,358	1/12/99	United States
08345	00	6,043,946	3/28/00	United States
08347	00	6,351,342 B1	2/26/02	United States
08348	00	5,853,959	12/29/98	United States
08350	00	5,936,814	8/10/99	United States
08351	00	5,854,717	12/29/98	United States
08353	00	5,834,084	11/10/98	United States
08354	00	5,721,650	2/24/98	United States
08355	00	5,859,738	1/12/99	United States
08356	00	5,898,532	4/27/99	United States
08357	00	5,731,932	3/24/98	United States
08358	00	5,701,218	12/23/97	United States
08358	10	5,796,556	8/18/98	United States
08359	00	5,796,549	8/18/98	United States
08360	00	5,805,381	9/8/98	United States
08361	00	5,831,793	11/3/98	United States
08362	00	5,877,920	3/2/99	United States
08364	00	5,781,133	7/14/98	United States
08365	00	5,757,586	5/26/98	United States
08367	00	5,768,056	6/16/98	United States
08368	00	5,914,836	6/22/99	United States
08369	00	5,755,612	5/26/98	United States
08370	00	5,870,243	2/9/99	United States
08371	00	5,863,237	1/26/99	United States
08372	00	5,828,528	10/27/98	United States
08375	00	5,915,271	6/22/99	United States
08376	00	5,838,516	11/17/98	United States
08377	00	5,738,566	4/14/98	United States
08378	00	6,108,152	8/22/00	United States
08379	00	D407,688	4/6/99	United States
08380	00	6,275,029 B1	8/14/01	United States
08382	00	6,097,577	8/1/00	United States
08383	00	5,999,360	12/7/99	United States
08384	00	5,766,780	6/16/98	United States
08385	00	5,721,008	2/24/98	United States
08386	00	6,018,432	1/25/00	United States
08387	00	6,072,654	6/6/00	United States

08389	00	5,816,890	10/6/98	United States
08390	00	5,951,371	9/14/99	United States
08391	00	6,069,771	5/30/00	United States
08392	00	5,905,740	5/18/99	United States
08395	00	5,946,169	8/31/99	United States
08396	00	6,046,596	4/4/00	United States
08397	00	6,055,127	4/25/00	United States
08398	00	5,872,311	2/24/99	United States
08399	00	5,865,651	2/2/99	United States
08400	00	D407,689	4/6/99	United States
08400	10	D417,195	11/30/99	United States
08402	00	5,889,631	3/30/99	United States
08403	00	5,907,453	5/25/99	United States
08404	00	6,114,788	9/5/00	United States
08405	00	5,872,674	2/16/99	United States
08406	00	5,856,896	1/5/99	United States
08407	00	5,880,906	3/9/99	United States
08408	00	6,028,739	2/22/00	United States
08410	00	5,898,541	4/27/99	United States
08411	00	5,952,931	9/14/99	United States
08412	00	5,966,271	10/12/99	United States
08412	10	6,145,189	11/14/00	United States
08412	20	6,315,125 B1	11/13/01	United States
08414	00	5,812,343	9/22/98	United States
08415	00	5,870,251	2/9/99	United States
08416	00	5,808,184	9/15/98	United States
08417	00	6,052,804	4/18/00	United States
08418	00	6,055,121	4/25/00	United States
08419	00	6,055,118	4/25/00	United States
08420	00	5,910,865	6/8/99	United States
08421	00	5,995,313	11/30/99	United States
08422	00	5,825,181	10/20/98	United States
08423	00	5,956,078	9/21/99	United States
08424	00	6,061,193	5/9/00	United States
08425	00	6,078,458	6/20/00	United States
08426	00	5,991,114	11/23/99	United States
08427	00	6,028,411	2/22/00	United States
08428	00	5,991,698	11/23/99	United States
08429	00	5,999,352	12/7/99	United States
08430	00	5,951,687	9/14/99	United States
08431	00	5,912,791	6/15/99	United States
08432	00	5,965,840	10/12/99	United States
08433	00	6,205,569 B1	3/20/01	United States
08434	00	5,991,119	11/23/99	United States

TRADEMARK
REEL: 002548 FRAME: 0091

08434	10	6,324,747 B1	12/4/01	United States
08436	00	5,999,348	12/7/99	United States
08438	00	5,856,895	1/5/99	United States
08438	10	6,079,088	6/27/00	United States
08441	00	5,942,680	8/24/99	United States
08441	10	6,311,551 B1	11/6/01	United States
08444	00	5,917,788	6/29/99	United States
08444	10	6,101,155	8/8/00	United States
08444	20	6,157,598	12/5/00	United States
08445	00	5,805,387	9/8/98	United States
08448	00	6,233,107 B1	5/15/01	United States
08449	00	5,986,841	11/16/99	United States
08451	00	6,115,223	9/5/00	United States
08452	00	5,876,216	3/2/99	United States
08452	10	6,150,813	11/21/00	United States
08453	10	6,164,614	12/26/00	United States
08455	00	6,222,706 B1	4/24/01	United States
08456	00	6,046,871	4/4/00	United States
08457	00	5,936,801	8/10/99	United States
08458	00	6,052,072	3/18/00	United States
08460	00	5,828,644	10/27/98	United States
08462	00	6,288,875 B1	9/11/01	United States
08463	00	6,011,671	1/4/00	United States
08464	02	6,050,127	4/18/00	United States
08466	00	5,817,931	10/6/98	United States
08468	00	6,315,620 B1	11/13/01	United States
08469	00	6,023,963	2/15/00	United States
08469	10	6,185,993 B1	2/13/01	United States
08470	00	6,005,737	12/21/99	United States
08471	00	6,016,692	1/25/00	United States
08472	00	6,008,640	12/28/99	United States
08473	00	6,111,730	8/29/00	United States
08474	00	5,917,676	6/29/99	United States
08475	00	6,046,878	4/4/00	United States
08477	00	5,930,434	7/27/99	United States
08478	00	5,864,118	1/26/99	United States
08480	00	5,982,583	11/9/99	United States
08481	00	5,896,646	4/27/99	United States
08481	10	6,038,103	3/14/00	United States
08481	20	6,353,994 B1	3/12/02	United States
08481	30	6,175,474 B1	1/16/01	United States
08482	00	5,943,189	8/24/99	United States
08485	00	6,031,684	2/29/00	United States
08486	00	5,936,558	8/10/99	United States

08487	00	5,925,261	7/20/99	United States
08487	10	6,264,787 B1	7/24/01	United States
08488	00	6,071,007	6/6/00	United States
08491	00	6,040,960	3/21/00	United States
08492	00	5,856,624	1/5/99	United States
08492	10	6,134,976	10/24/00	United States
08495	02	6,078,455	6/20/00	United States
08496	00	5,986,850	11/16/99	United States
08499	00	6,314,444 B1	11/6/01	United States
08502	00	5,870,362	2/9/99	United States
08502	10	6,219,332 B1	4/17/01	United States
08503	00	5,970,038	10/19/99	United States
08504	00	6,052,260	4/18/00	United States
08505	00	6,122,149	9/19/00	United States
08507	00	6,212,042 B1	4/3/01	United States
08508	00	6,287,170 B1	9/11/01	United States
08509	00	6,011,375	1/4/00	United States
08509	10	6,166,503	12/26/00	United States
08510	00	5,929,630	7/27/99	United States
08511	00	6,104,556	8/15/00	United States
08512	00	6,100,683	8/8/00	United States
08513	00	6,091,576	7/18/00	United States
08515	00	6,226,860 B1	5/8/01	United States
08516	00	5,831,797	11/3/98	United States
08517	00	6,275,467 B1	8/14/01	United States
08518	00	6,125,099	9/26/00	United States
08520	00	6,046,884	4/4/00	United States
08522	00	6,113,277	9/5/00	United States
08523	00	6,134,085	10/17/00	United States
08524	00	6,108,174	8/22/00	United States
08526	00	6,085,410	7/11/00	United States
08528	00	6,101,058	8/8/00	United States
08530	00	5,978,752	11/2/99	United States
08533	00	5,986,851	11/16/99	United States
08534	01	6,015,000	1/18/00	United States
08534	02	5,877,404	3/2/99	United States
08535	00	6,091,560	7/18/00	United States
08536	02	6,084,738	7/4/00	United States
08536	03	6,118,604	9/12/00	United States
08537	00	6,072,648	6/6/00	United States
08537	10	6,040,952 B1	3/21/00	United States
08537	20	6,191,912 B1	2/20/01	United States
08538	00	6,195,234 B1	2/27/01	United States
08539	00	6,111,834	8/29/00	United States

TRADEMARK
REEL: 002548 FRAME: 0093

08540	00	6,212,661 B1	4/3/01	United States
08542	00	6,298,401 B1	10/2/01	United States
08543	00	6,222,702 B1	4/24/01	United States
08544	00	6,226,144 B1	5/1/01	United States
08545	00	6,269,532 B1	8/7/01	United States
08546	02	6,115,214	9/5/00	United States
08547	00	6,271,987 B1	8/7/01	United States
08550	00	6,078,498	6/20/00	United States
08552	00	6,275,454 B1	8/14/01	United States
08553	00	6,205,849 B1	3/27/01	United States
08556	00	6,310,749 B1	10/30/01	United States
08557	00	6,188,540 B1	2/13/01	United States
08558	00	6,215,266 B1	4/10/01	United States
08559	00	6,321,358 B1	11/20/01	United States
08560	00	5,999,371	12/7/99	United States
08561	00	6,327,108 B1	12/4/01	United States
08561	10	6,249,392 B1	6/19/01	United States
08563	00	6,125,414	9/26/00	United States
08564	00	6,188,531 B1	2/13/01	United States
08566	00	6,091,574	7/18/00	United States
08567	00	6,065,666	5/23/00	United States
08568	00	6,239,954 B1	5/29/01	United States
08571	00	6,304,839 B1	10/16/01	United States
08573	00	6,188,539 B1	2/13/01	United States
08574	00	6,018,864	2/1/00	United States
08574	10	6,047,459	4/11/00	United States
08576	00	6,160,774	12/12/00	United States
08577	00	6,269,687 B1	8/7/01	United States
08580	00	6,239,937 B1	5/29/01	United States
08582	00	6,288,985 B1	9/11/01	United States
08583	00	6,229,671 B1	5/8/01	United States
08584	00	6,055,134	4/25/00	United States
08585	00	6,311,388 B1	11/6/01	United States
08586	00	6,212,759 B1	4/10/01	United States
08587	00	6,239,951 B1	5/29/01	United States
08588	00	6,057,981	5/2/00	United States
08589	00	5,978,169	11/2/99	United States
08590	00	5,991,124	11/23/99	United States
08591	00	6,098,880	8/8/00	United States
08594	00	6,182,250 B1	1/30/01	United States
08595	00	5,999,373	12/7/99	United States
08596	00	6,134,083	10/17/00	United States
08599	10	6,201,666 B1	3/13/01	United States
08600	00	6,018,862	2/1/00	United States

08601	00	6,067,215	5/23/00	United States
08601	10	6,256,175 B1	7/3/01	United States
08603	00	6,201,840 B1	3/13/01	United States
08604	00	6,046,886	4/4/00	United States
08606	00	6,097,561	8/1/00	United States
08607	00	6,115,201	9/5/00	United States
08608	00	6,141,165	10/31/00	United States
08609	00	6,252,731 B1	6/26/01	United States
08610	00	6,091,572	7/18/00	United States
08611	00	6,016,043	1/18/00	United States
08612	00	6,266,203 B1	7/24/01	United States
08613	00	6,018,437	1/25/00	United States
08614	00	6,191,924 B1	2/20/01	United States
08615	00	6,208,480 B1	3/27/01	United States
08616	00	6,049,969	4/18/00	United States
08617	00	6,128,165	10/3/00	United States
08618	00	6,105,240	8/22/00	United States
08618	10	6,295,717 B1	10/2/01	United States
08619	00	6,094,804	8/1/00	United States
08621	00	6,163,434	12/19/00	United States
08626	00	6,122,130	9/19/00	United States
08628	10	6,327,241 B1	12/4/01	United States
08629	00	6,091,567	7/18/00	United States
08631	00	6,021,022	2/1/00	United States
08632	00	6,215,627 B1	4/10/01	United States
08634	00	6,069,764	5/30/00	United States
08635	00	6,293,029 B1	9/25/01	United States
08636	00	6,215,621 B1	4/10/01	United States
08639	00	6,278,584 B1	8/21/01	United States
08640	00	6,222,700 B1	4/24/01	United States
08641	00	6,067,208	5/23/00	United States
08645	00	6,279,057 B1	8/21/01	United States
08646	00	6,324,669 B1	11/27/01	United States
08647	00	6,297,937 B1	10/2/01	United States
08649	00	6,166,876	12/26/00	United States
08650	00	6,163,441	12/19/00	United States
08654	00	6,239,952 B1	5/29/01	United States
08655	00	6,233,118 B1	5/15/01	United States
08656	00	6,195,235 B1	2/27/01	United States
08657	00	6,333,836 B1	12/25/01	United States
08660	00	6,115,215	9/5/00	United States
08661	00	6,078,477	6/20/00	United States
08662	00	5,999,372	12/7/99	United States
08663	00	6,317,800 B1	11/13/01	United States

08664	00	6,038,105	3/14/00	United States
08665	00	5,999,375	12/7/99	United States
08666	00	6,018,439	1/25/00	United States
08667	00	6,008,966	12/28/99	United States
08668	00	6,236,533 B1	5/22/01	United States
08670	00	6,212,029 B1	4/3/01	United States
08671	00	6,243,239 B1	6/5/01	United States
08672	00	6,134,076	10/17/00	United States
08675	00	6,275,356 B1	8/14/01	United States
08676	00	6,011,497	1/4/00	United States
08677	00	6,324,129 B1	11/27/01	United States
08678	00	6,320,371 B1	11/20/01	United States
08680	00	6,118,637	9/12/00	United States
08681	00	6,216,242 B1	4/10/01	United States
08683	00	6,163,433	12/19/00	United States
08684	00	6,304,420 B1	10/16/01	United States
08685	00	6,157,515	12/5/00	United States
08686	00	6,078,473	6/20/00	United States
08688	00	6,023,378	2/8/00	United States
08690	10	6,324,054 B1	11/27/01	United States
08692	00	6,282,052 B1	8/28/01	United States
08693	00	6,205,005 B1	3/20/01	United States
08694	00	6,278,595 B1	8/21/01	United States
08695	00	6,368,425 B1	4/9/02	United States
08700	00	6,301,080 B1	10/9/01	United States
08701	00	6,172,852 B1	1/9/01	United States
08705	00	6,230,380 B1	5/15/01	United States
08706	00	6,097,578	8/1/00	United States
08707	00	6,181,533 B1	1/30/01	United States
08709	00	6,178,055 B1	1/23/01	United States
08710	00	6,219,193 B1	4/17/01	United States
08711	00	6,115,788	9/5/00	United States
08712	00	5,983,485	11/16/99	United States
08714	00	6,088,193	7/11/00	United States
08715	00	6,134,077	10/17/00	United States
08716	00	6,295,577 B1	9/25/01	United States
08717	00	6,061,360	5/9/00	United States
08718	00	6,170,042 B1	1/2/01	United States
08720	00	6,366,429 B1	4/2/02	United States
08721	00	6,016,242	1/18/00	United States
08725	00	6,243,222 B1	6/5/01	United States
08727	00	6,282,066 B1	8/28/01	United States
08731	00	6,215,628 B1	4/10/01	United States
08733	00	6,134,090	10/17/00	United States

TRADEMARK
REEL: 002548 FRAME: 0096

08736	00	6,084,846	7/4/00	United States
08737	00	6,301,076 B1	10/9/01	United States
08740	00	6,125,017	9/26/00	United States
08741	00	6,121,742	9/19/00	United States
08742	00	6,175,469 B1	1/16/01	United States
08743	00	6,166,886	12/26/00	United States
08744	00	6,157,520	12/5/00	United States
08745	00	6,275,353 B1	8/14/01	United States
08748	00	5,987,735	11/23/99	United States
08751	00	6,201,661 B1	3/13/01	United States
08752	00	6,249,890 B1	6/19/01	United States
08755	00	6,195,220 B1	2/27/01	United States
08757	00	6,243,224 B1	6/5/01	United States
08758	00	6,157,522	12/5/00	United States
08759	00	6,160,683	12/12/00	United States
08760	00	6,295,185 B1	9/25/01	United States
08762	00	6,041,488	3/28/00	United States
08764	00	6,215,629 B1	4/10/01	United States
08769	00	6,362,939 B1	3/26/02	United States
08778	00	6,356,420 B1	3/12/02	United States
08780	00	6,191,926 B1	2/20/01	United States
08781	10	6,366,416 B1	4/2/02	United States
08782	00	6,196,062 B1	3/6/01	United States
08784	00	6,308,555 B1	10/30/01	United States
08785	00	6,304,411 B1	10/16/01	United States
08791	00	6,285,522 B1	9/4/01	United States
08793	00	6,307,884 B1	10/23/01	United States
08796	00	6,349,009 B1	2/19/02	United States
08797	00	6,356,404 B1	3/12/02	United States
08797	10	6,342,986 B2	1/29/02	United States
08799	00	6,266,202 B1	7/24/01	United States
08801	00	6,222,336 B1	4/24/01	United States
08802	00	6,249,064 B1	6/19/01	United States
08803	00	6,252,738 B1	6/26/01	United States
08805	00	6,252,744 B1	6/26/01	United States
08806	00	6,307,706 B1	10/23/01	United States
08807	00	6,356,407 B1	3/12/02	United States
08808	00	6,351,344 B1	2/26/02	United States
08809	00	6,178,618 B1	1/30/01	United States
08811	00	6,246,536 B1	6/12/01	United States
08813	00	6,135,782	10/24/00	United States
08814	00	6,304,406 B1	10/16/01	United States
08815	00	6,178,063 B1	1/23/01	United States
08816	00	6,088,185	7/11/00	United States

TRADEMARK
REEL: 002548 FRAME: 0097

08818	00	6,181,493 B1	1/30/01	United States
08819	00	6,178,054 B1	1/23/01	United States
08820	00	6,286,056 B1	9/4/01	United States
08824	00	6,256,173 B1	7/3/01	United States
08830	00	6,359,758 B1	3/19/02	United States
08833	00	6,169,647 B1	1/2/01	United States
08837	00	6,168,459 B1	1/2/01	United States
08838	00	6,129,579	10/10/00	United States
08838	10	6,270,375 B1	8/7/01	United States
08840	00	6,172,844 B1	1/9/01	United States
08842	00	6,198,582 B1	3/6/01	United States
08843	00	6,181,505 B1	1/30/01	United States
08849	00	6,373,649 B1	4/16/02	United States
08850	00	6,275,352 B1	8/14/01	United States
08851	00	6,295,010 B1	9/25/01	United States
08853	00	6,169,382 B1	1/2/01	United States
08855	00	6,301,068 B1	10/9/01	United States
08856	00	6,288,867 B1	9/11/01	United States
08857	00	6,252,745 B1	6/26/01	United States
08866	00	6,178,060 B1	1/23/01	United States
08868	00	6,236,531 B1	5/22/01	United States
08869	00	6,320,714 B1	11/20/01	United States
08873	00	6,268,974 B1	7/31/01	United States
08878	00	6,166,890	12/26/00	United States
08881	00	6,181,530 B1	6/30/01	United States
08885	00	6,273,793 B1	8/14/01	United States
08885	10	6,309,283 B1	10/30/01	United States
08885	20	6,358,123 B1	3/19/02	United States
08887	00	6,322,431 B1	11/27/01	United States
08893	00	6,252,364 B1	6/26/01	United States
08898	00	6,304,403 B1	10/16/01	United States
08899	00	6,271,636 B1	8/7/01	United States
08902	00	6,282,054 B1	8/28/01	United States
08906	00	6,304,398 B1	10/16/01	United States
08908	00	6,288,655 B1	9/11/01	United States
08914	00	6,208,280 B1	3/27/01	United States
08917	00	6,212,927 B1	4/10/01	United States
08918	00	6,288,879 B1	9/11/01	United States
08929	00	6,169,646 B1	1/2/01	United States
08937	00	6,157,509	12/5/00	United States
08938	00	6,147,326	11/14/00	United States
08942	00	6,377,413 B1	4/23/02	United States
08945	00	6,320,730 B1	11/20/01	United States
08947	00	6,205,845 B1	3/27/01	United States

TRADEMARK
REEL: 002548 FRAME: 0098

08948	00	6,119,534	9/19/00	United States
08948	10	6,324,923 B1	12/4/01	United States
08967	00	6,297,936 B1	10/2/01	United States
08977	00	6,233,124 B1	5/13/01	United States
08980	00	6,187,106 B1	2/13/01	United States
08981	00	6,318,176 B1	11/20/01	United States
08983	00	6,304,421 B1	10/16/01	United States
08998	00	6,310,531 B1	10/30/01	United States
09001	00	6,347,019 B1	2/12/02	United States
09017	00	6,316,988 B1	11/13/01	United States
09024	00	6,268,984 B1	7/31/01	United States
09031	00	6,296,552 B1	10/2/01	United States
09036	00	6,317,286 B1	11/13/01	United States
09039	00	6,255,750 B1	7/3/01	United States
09045	00	6,362,937 B1	3/26/02	United States
09046	00	6,341,048 B1	1/22/02	United States
09046	10	6,311,140 B1	10/30/01	United States
09048	00	6,304,418 B1	10/16/01	United States
09050	00	6,339,811 B1	2/15/02	United States
09051	00	6,330,828 B1	12/18/01	United States
09053	00	6,366,427	4/2/02	United States
09055	00	6,327,119 B1	12/4/01	United States
09058	00	6,337,782 B1	1/8/02	United States
09060	00	6,339,516 B1	1/15/02	United States
09065	00	6,366,426 B1	4/2/02	United States
09070	00	6,339,521 B1	1/15/02	United States
09092	00	5,473,230	12/5/95	United States
09102	00	6,256,176 B1	7/3/01	United States
09132	00	6,351,354 B1	2/26/02	United States
09142	00	6,065,354	5/23/00	United States
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09150	00	6,342,991 B1	1/29/02	United States
09154	00	6,366,980 B1	4/2/02	United States
09162	00	6,304,409 B1	10/16/01	United States
09164	00	6,347,983 B1	2/19/02	United States
09170	00	6,278,592 B1	8/21/01	United States
09171	00	6,351,353 B1	2/26/02	United States
09176	00	6,364,743 B1	4/2/02	United States
09179	00	6,324,034 B1	11/27/01	United States
09180	00	6,381,103 B1	4/30/02	United States
09181	00	6,310,743 B1	10/30/01	United States
09183	20	6,369,968	4/9/02	United States
09186	00	6,320,723 B1	11/20/01	United States
09188	00	6,371,654 B1	4/16/02	United States

09217	00	6,198,606 B1	3/6/01	United States
09231	00	6,339,380 B1	1/15/02	United States
09257	00	6,312,265 B1	11/6/01	United States
09277	00	6,324,890 B1	12/4/01	United States
09296	00	6,317,285 B1	11/13/01	United States
09319	00	6,377,420 B1	4/23/02	United States
09321	00	6,342,311 B1	1/29/02	United States
09329	00	6,366,432 B1	4/2/02	United States
09335	00	6,342,802 B1	1/29/02	United States
09340	00	6,301,679 B1	10/9/01	United States
09380	00	6,344,953 B1	2/5/02	United States
09383	00	6,366,430 B1	4/2/02	United States
09386	00	6,293,705 B1	9/25/01	United States
09394	00	6,333,839 B1	12/25/01	United States
09406	00	5,627,701	5/6/97	United States
09412	00	6,330,640 B1	12/11/01	United States
09473	00	6,288,878 B1	9/11/01	United States

PATENT APPLICATIONS

Docket		Number	Country
02349	00	96191294.4	China
02374	00	96197948.8	China
02376	00	96197947.X	China
02380	00	96198444.9	China
02399	00	96197949.6	China
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TRADEMARK
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02234 00	05-192531	Japan
02247 00	06-212978	Japan
02252 00	07-506911	Japan
02267 00	07-523991	Japan
02313 00	07-300168	Japan
02333 00	08-005504	Japan
02335 00	8-516002	Japan
02336 00	08-324501	Japan
02349 00	08-272819	Japan
02350 00	09-522195	Japan
02352 00	08-089522	Japan
02356 00	09-500349	Japan
02359 00	08-144577	Japan
02361 00	09-517291	Japan
02370 00	08-522694	Japan
02374 00	09-517425	Japan
02376 00	09-517412	Japan
02380 00	9-520551	Japan
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02448 00	10-507164	Japan
02449 00	10-507240	Japan
02460 00	10-518303	Japan

TRADEMARK
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04185 00	08-515554	Japan
04188 00	08-511142	Japan

TRADEMARK
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04194 00	08-517825	Japan
04195 00	08-517835	Japan
04196 00	08-519891	Japan
04204 00	08-506606	Japan
04207 00	8-524323	Japan
04208 00	08-522321	Japan
04210 00	08-522888	Japan
04211 00	08-524353	Japan
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04221 01	08-535736	Japan
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04237 00	09-525996	Japan
04245 00	10-500520	Japan
04246 00	09-539874	Japan
04256 00	09-530927	Japan
04263 00	09-532573	Japan
04283 00	10-509653	Japan
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05012 00	10-542038	Japan
05018 00	11-551713	Japan
05019 00	546182/98	Japan
05034 00	2000-548877	Japan
05044 00	2000-541679	Japan
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05047 00	2000-541678	Japan
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05053 00	2000-545049	Japan
05058 00	2000-541681	Japan
05066 00	2000-571445	Japan
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05116 00	2001524354	Japan
08084 00	03-027277	Japan
08155 10	07-015260	Japan
08165 10	08-259740	Japan
08175 00	07-029764	Japan
08185 00	07-515027	Japan
08207 00	07-516160	Japan
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08222 00	07-042920	Japan
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08227 00	07-518000	Japan

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08241 00	07-69932	Japan
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08273 00	08-144581	Japan
08294 00	09-511162	Japan
08296 00	09-523020	Japan
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08389 00	10-520418	Japan
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08420 00	10-534283	Japan
08424 00	10-534661	Japan
08427 00	PCT/US98/0139	Japan
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08455 00	10-541599	Japan
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08475 00	546932/98	Japan
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08502 00	11-504372	Japan
08507 00	11-505508	Japan
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08634 00	2000-518383	Japan
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08646 00	2000-521437	Japan
08648 00	2000-533946	Japan
08649 00	2000-533870	Japan
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08698 00	2000-531705	Japan
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08755 00	2000-550105	Japan
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09062	10	2001-513162	Japan
09063	00	2000-612804	Japan
09079	00	2000-612949	Japan
09102	00	2000-611270	Japan
09103	00	2000-612769	Japan
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09154	00	2001-502117	Japan
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09308 00	2001-528716	Japan
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08929 00	PI9904583	Malaysia
02801 00	0001567	Patent Cooperation Treaty
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02896 00	0030717	Patent Cooperation Treaty
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02979 00	01/18937	Patent Cooperation Treaty
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05116 00	0025266	Patent Cooperation Treaty
05117 00	00/26289	Patent Cooperation Treaty
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08861 00	0126703	Patent Cooperation Treaty
08890 00	99/17582	Patent Cooperation Treaty
08925 00	9922356	Patent Cooperation Treaty

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08941	00	9930705	Patent Cooperation Treaty
08942	00	9931200	Patent Cooperation Treaty
08943	00	00/04046	Patent Cooperation Treaty
08954	00	99/31251	Patent Cooperation Treaty
08955	00	99/18028	Patent Cooperation Treaty
08962	00	99/23581	Patent Cooperation Treaty
08971	00	99/31240	Patent Cooperation Treaty
08991	00	99/27320	Patent Cooperation Treaty
09001	00	00/04453	Patent Cooperation Treaty
09004	00	0002646	Patent Cooperation Treaty
09018	00	00/00995	Patent Cooperation Treaty
09019	00	0001013	Patent Cooperation Treaty
09020	00	00/01014	Patent Cooperation Treaty
09025	00	9923119	Patent Cooperation Treaty
09027	00	9929877	Patent Cooperation Treaty
09041	00	0010582	Patent Cooperation Treaty
09042	00	00/10462	Patent Cooperation Treaty
09044	00	00/10846	Patent Cooperation Treaty
09050	00	00/10725	Patent Cooperation Treaty
09053	00	00/10670	Patent Cooperation Treaty
09055	00	00/10703	Patent Cooperation Treaty
09056	00	US99/31029	Patent Cooperation Treaty
09060	00	US00/10671	Patent Cooperation Treaty
09062	00	00/10572	Patent Cooperation Treaty
09062	10	00/19820	Patent Cooperation Treaty
09063	00	00/10559	Patent Cooperation Treaty
09073	00	0010410	Patent Cooperation Treaty
09091	00	00/10573	Patent Cooperation Treaty
09101	00	0011017	Patent Cooperation Treaty
09102	00	9917009	Patent Cooperation Treaty
09103	00	9920151	Patent Cooperation Treaty
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09105	00	0010601	Patent Cooperation Treaty
09109	00	9920004	Patent Cooperation Treaty
09112	00	99/25015	Patent Cooperation Treaty
09117	10	01/47022	Patent Cooperation Treaty
09126	00	99/31110	Patent Cooperation Treaty
09151	00	00/15207	Patent Cooperation Treaty
09154	01	00/00467	Patent Cooperation Treaty
09162	00	00/40295	Patent Cooperation Treaty
09179	00	9931111	Patent Cooperation Treaty
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09183	00	00/17353	Patent Cooperation Treaty

09183 20	00/17315	Patent Cooperation Treaty
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09194 00	99/30825	Patent Cooperation Treaty
09201 00	99/31199	Patent Cooperation Treaty
09206 00	00/01735	Patent Cooperation Treaty
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09296 00	00/29513	Patent Cooperation Treaty
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09412 00	00/29503	Patent Cooperation Treaty
09426 00	01/03859	Patent Cooperation Treaty
09473 00	00/28378	Patent Cooperation Treaty
09487 00	01/03611	Patent Cooperation Treaty
09493 00	01/03636	Patent Cooperation Treaty
09498 00	01/02677	Patent Cooperation Treaty
09526 00	00/29675	Patent Cooperation Treaty
09527 00	00/29704	Patent Cooperation Treaty
09528 00	00/20150	Patent Cooperation Treaty
09569 00	01/10270	Patent Cooperation Treaty
09575 00	0103823	Patent Cooperation Treaty
09577 00	01/06483	Patent Cooperation Treaty

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09604 00	01/12625	Patent Cooperation Treaty
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09645 00	0112210	Patent Cooperation Treaty
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09659 00	01/04478	Patent Cooperation Treaty
09672 00	01/16664	Patent Cooperation Treaty
09690 00	01/05271	Patent Cooperation Treaty
09698 00	01/19051	Patent Cooperation Treaty
09712 00	01/20311	Patent Cooperation Treaty
09714 00	01/20645	Patent Cooperation Treaty
09721 00	0122037	Patent Cooperation Treaty
09722 00	0121561	Patent Cooperation Treaty
09742 00	0121879	Patent Cooperation Treaty
09745 00	01/23500	Patent Cooperation Treaty
09760 00	01/20685	Patent Cooperation Treaty
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09792 00	0119729	Patent Cooperation Treaty
09802 00	01/25326	Patent Cooperation Treaty
09815 00	0123684	Patent Cooperation Treaty
09826 00	0141567	Patent Cooperation Treaty
09832 00	01/10796	Patent Cooperation Treaty
09833 00	PCTUS0126262	Patent Cooperation Treaty
09848 00	0141992	Patent Cooperation Treaty
09849 00	01/21547	Patent Cooperation Treaty
09851 00	0141803	Patent Cooperation Treaty
09852 00	0113417	Patent Cooperation Treaty
09884 00	01/30001	Patent Cooperation Treaty
09899 00	US01/30473	Patent Cooperation Treaty
09904 00	US01/30474	Patent Cooperation Treaty
09924 00	01/20547	Patent Cooperation Treaty
09926 00	01/20233	Patent Cooperation Treaty
09932 00	01/29988	Patent Cooperation Treaty
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09949 00	01/23403	Patent Cooperation Treaty
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09965 00	01/06482	Patent Cooperation Treaty

09970	00	0129804	Patent Cooperation Treaty
09986	00	01/20559	Patent Cooperation Treaty
09996	00	0146467	Patent Cooperation Treaty
10005	00	01/44354	Patent Cooperation Treaty
10041	00	0149113	Patent Cooperation Treaty
10050	00	01/31050	Patent Cooperation Treaty
10066	00	02/01114	Patent Cooperation Treaty
10103	00	0202061	Patent Cooperation Treaty
10192	00	01/24987	Patent Cooperation Treaty
10195	00	0145452	Patent Cooperation Treaty
10198	00	01/32421	Patent Cooperation Treaty
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10301	00	0206006	Patent Cooperation Treaty
10312	00		Patent Cooperation Treaty
10314	00	01/49887	Patent Cooperation Treaty
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10340	00	01/47537	Patent Cooperation Treaty
10352	00	01/49445	Patent Cooperation Treaty
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10408	00	02/08828	Patent Cooperation Treaty
10422	00	0205967	Patent Cooperation Treaty
10432	00	02/03842	Patent Cooperation Treaty
10446	00	02/03840	Patent Cooperation Treaty
10447	00	02/03841	Patent Cooperation Treaty
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10458	00	01/49886	Patent Cooperation Treaty
10474	00	US01/47805	Patent Cooperation Treaty
10477	00	02/12363	Patent Cooperation Treaty
10489	00	0210404	Patent Cooperation Treaty
10492	00		Patent Cooperation Treaty
10501	00	01/44998	Patent Cooperation Treaty
10509	00		Patent Cooperation Treaty
10517	00	US02/01936	Patent Cooperation Treaty
10528	00	0204952	Patent Cooperation Treaty
10561	00		Patent Cooperation Treaty
10574	00	02/11674	Patent Cooperation Treaty
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REEL: 002548 FRAME: 0120

10609	00	US02/10465	Patent Cooperation Treaty
01113	00		Singapore
02044	10	9502252-1	Singapore
02464	00	9903401-9	Singapore
02476	00	9901110-8	Singapore
02490	00	9904383-8	Singapore
02504	00	9904442-2	Singapore
02515	00	200007656-2	Singapore
02517	00	9806314-2	Singapore
02547	00	9906508-8	Singapore
02556	00	200001070-2	Singapore
02634	00	200001689-9	Singapore
02637	00	200004514-6	Singapore
02711	00	2000 04239-0	Singapore
02734	00	2001 00948-9	Singapore
02801	00	200104844-6	Singapore
02804	00	200104846-1	Singapore
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05044	10	2000 05477-5	Singapore
05047	00	200005480-9	Singapore
05048	10	200005744-8	Singapore
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05058	00	200005479-1	Singapore
05085	00	2001 05462-6	Singapore
05111	00	200201178-1	Singapore
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08165	10	9610721-4	Singapore
08184	10	9903779-8	Singapore
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08415	00	9902675-9	Singapore
08451	00	9901885-5	Singapore
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08507	00	9906318-2	Singapore
08516	00	200000031-5	Singapore
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08536	00	2000 00600-7	Singapore
08539	00	2000 00360-8	Singapore
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08546	00	2000 00601-5	Singapore
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TRADEMARK
REEL: 002548 FRAME: 0121

08590	00	9905711-9	Singapore
08602	00	200001690-7	Singapore
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08646	00	200002190-7	Singapore
08648	00	2000 03448-8	Singapore
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08843	00	200007273-6	Singapore
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08991	00	200102683-0	Singapore
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09154	00	2001075704	Singapore
09159	00	2002 00667-4	Singapore
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09183	20	2001 07878-1	Singapore
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REEL: 002548 FRAME: 0124

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REEL: 002548 FRAME: 0127

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TRADEMARK
REEL: 002548 FRAME: 0128

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TRADEMARK
REEL: 002548 FRAME: 0132

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TRADEMARK
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TRADEMARK
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02823 00	09/532,621	United States
02826 00	09/489,935	United States
02828 00	09/496,341	United States
02829 00	09/496,342	United States
02830 00	09/496,340	United States
02831 10	09/946,934	United States
02832 00	09/497,524	United States
02833 00	09/510,533	United States
02835 00	09/499,046	United States
02836 00	09/526,556	United States
02837 20	09/771,000	United States
02840 00	09/559,096	United States
02842 00	09/536,307	United States
02843 00	09/571,271	United States
02845 00	09/895,053	United States
02846 00	09/578,301	United States
02851 00	09/615,317	United States
02851 10	09/884,482	United States
02852 00	09/577,676	United States
02853 00	09/498,700	United States
02855 00	09/590,559	United States
02859 00	09/616,764	United States

02860 00	09/577,674	United States
02863 00	09/559,347	United States
02864 00	09/619,390	United States
02865 00	09/621,530	United States
02872 00	09/571,506	United States
02875 00	09/593,243	United States
02876 00	09/645,231	United States
02877 00	09/597,305	United States
02878 00	09/597,168	United States
02879 00	09/658,342	United States
02880 00	09/625,053	United States
02881 00	09/649,587	United States
02882 00	09/619,394	United States
02885 00	09/690,167	United States
02886 00	09/691,304	United States
02888 00	09/699,194	United States
02889 00	09/699,203	United States
02890 00	09/704,112	United States
02892 00	09/702,667	United States
02893 00	09/705,555	United States
02894 00	09/649,586	United States
02895 00	09/708,504	United States
02896 00	09/708,604	United States
02897 00	09/708,491	United States
02898 00	09/712,478	United States
02899 00	09/713,311	United States
02901 00	09/637,909	United States
02903 00	09/612,319	United States
02904 00	09/634,253	United States
02905 00	09/662,826	United States
02907 00	09/642,611	United States
02908 00	09/756,714	United States
02912 00	09/773,929	United States
02913 00	09/770,484	United States
02915 00	09/771,890	United States
02918 00	09/781,975	United States
02919 00	09/781,978	United States
02920 00	09/781,976	United States
02922 00	09/795,878	United States
02923 00	09/796,224	United States
02926 00	09/834,039	United States
02927 00	09/833,365	United States
02930 00	09/798,924	United States
02932 00	09/833,748	United States

02934 00	09/834,392	United States
02935 00	09/832,115	United States
02936 00	09/834,102	United States
02939 00	09/847,434	United States
02940 00	09/840,067	United States
02943 00	09/865,240	United States
02944 00	09/845,167	United States
02946 00	09/871,051	United States
02948 00	09/874,085	United States
02949 00	09/871,742	United States
02953 00	09/912,065	United States
02956 00	09/840,919	United States
02957 00	09/902,600	United States
02959 00	09/846,274	United States
02960 00	09/873,263	United States
02961 00	09/906,835	United States
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02965 00	09/852,084	United States
02966 00	09/910,812	United States
02968 00	09/573,314	United States
02969 00	09/911,738	United States
02970 00	09/943,753	United States
02972 00	09/892,626	United States
02973 00	09/960,538	United States
02975 00		United States
02977 00	09/852,268	United States
02978 00	09/964,690	United States
02979 00	09/879,962	United States
02980 00	09/971,693	United States
02982 00	09/946,939	United States
02983 00	09/966,105	United States
02985 00	09/972,159	United States
02986 00	09/884,929	United States
02987 00	09/894,475	United States
02988 00	09/896,006	United States
02989 00	09/882,768	United States
02990 00	09/881,947	United States
02991 00	09/895,051	United States
02992 00	09/956,052	United States
02993 00	09/973,885	United States
02994 00	10/005,913	United States
02996 00	10/042,168	United States
02997 00	09/986,110	United States
02999 00	10/034,711	United States

TRADEMARK
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03003 00	09/863,551	United States
03005 00	10/035,432	United States
03006 00	09/939,660	United States
03011 00	09/896,445	United States
03012 00	09/896,007	United States
03013 00	09/986,910	United States
03018 00	10/022,728	United States
03019 00	09/986,063	United States
03021 00	09/975,779	United States
03022 00	10/082,178	United States
03023 00	09/999,879	United States
03024 00	09/987,570	United States
03025 00		United States
03029 00		United States
03030 00	10/020,847	United States
03033 00	09/964,492	United States
03041 00		United States
03042 00		United States
03043 00	10/032,560	United States
03045 00	10/016,991	United States
03046 00	10/079,516	United States
03051 00	09/986,085	United States
03053 00	10/021,501	United States
03054 00	09/944,925	United States
03055 00	10/017,244	United States
03057 00	09/986,863	United States
03064 00	10/000,001	United States
03065 00	10/067,833	United States
03067 00		United States
03068 00	10/056,070	United States
03069 00	09/996,552	United States
03070 00	10/017,196	United States
03071 00	09/994,780	United States
03072 00	10/078,466	United States
03074 00	10/026,377	United States
03076 00	10/047,105	United States
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03083 00		United States
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03088 00	10/078,495	United States
03090 00	10/076,737	United States
03091 00	10/095,796	United States
03096 00	10/020,089	United States

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03099	00		United States
03102	00	10/087,116	United States
03104	00	10/112,238	United States
03107	00		United States
03108	00		United States
03109	00	10/099,205	United States
03110	00		United States
03115	00		United States
03142	00	10/112,192	United States
04003	01	08/743,755	United States
04061	13	09/285,936	United States
04061	15	10/091,301	United States
04061	16	10/104,701	United States
04061	17	10/104,698	United States
04061	18	10/104,695	United States
04182	02	08/541,954	United States
04260	10	09/596,330	United States
05009	10	09/271,440	United States
05013	20	09/436,943	United States
05018	20	09/280,414	United States
05021	10	08/883,320	United States
05033	00	09/061,836	United States
05036	10	09/240,954	United States
05040	00	09/270,812	United States
05044	10	09/281,753	United States
05044	20	09/844,378	United States
05047	00	09/276,082	United States
05048	10	09/280,418	United States
05048	20	09/459,262	United States
05048	30	09/911,552	United States
05050	00	09/241,795	United States
05054	00	09/314,240	United States
05057	10	09/692,503	United States
05058	10	09/938,225	United States
05060	00	09/325,692	United States
05065	00	09/315,591	United States
05066	10	09/587,675	United States
05068	00	09/346,834	United States
05070	00	09/347,177	United States
05071	00	09/386,031	United States
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05082	00	09/467,095	United States
05083	20	09/343,611	United States

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05101 00	09/614,946	United States
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05110 00	09/665,598	United States
05111 00	10/049,120	United States
05115 00	09/665,487	United States
05116 00	09/661,334	United States
05117 00	09/958,782	United States
05119 00	09/695,185	United States
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05121 00	09/726,965	United States
05123 00	09/695,186	United States
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05129 00	09/756,952	United States
05130 00	09/777,355	United States
05131 00	09/777,220	United States
05132 00	09/796,197	United States
05133 00	09/795,623	United States
05134 00	09/795,877	United States
05135 00	09/809,558	United States
05136 00	09/809,556	United States
05137 00	09/809,700	United States
05138 00	09/838,683	United States
05140 00	09/772,578	United States
05141 00	09/774,134	United States
05142 00	09/865,927	United States
05143 00	09/865,280	United States
05144 00	09/863,394	United States
05145 00	09/866,252	United States
05147 00	09/917,115	United States
05149 00	09/892,290	United States
05150 00	09/892,317	United States
05152 00	09/818,029	United States
08101 30	08/055,922	United States
08134 40	09/562,426	United States
08168 00	07/975,352	United States
08168 04	07/975,352	United States
08168 06	09/675,145	United States
08168 30	09/938,634	United States
08168 50	09/938,637	United States

08168 40	09/938,636	United States
08207 00	08/211,157	United States
08208 00	08/060,329	United States
08212 01	08/576,397	United States
08264 00	08/454,261	United States
08268 10	08/879,838	United States
08281 00	08/522,839	United States
08337 10	09/799,840	United States
08342 20	09/546,836	United States
08366 00	08/711,499	United States
08373 00	08/854,407	United States
08390 10	09/951,165	United States
08412 30	09/839,341	United States
08413 00	08/806,494	United States
08446 00	08/924,552	United States
08450 00	09/019,410	United States
08459 00	08/946,757	United States
08462 10	09/816,958	United States
08474 02	09/257,735	United States
08489 00	09/077,842	United States
08500 00	09/100,698	United States
08501 00	09/100,442	United States
08504 10	09/544,725	United States
08505 10	09/613,376	United States
08506 00	09/097,968	United States
08508 10	09/892,039	United States
08514 00	09/164,957	United States
08519 00	09/051,931	United States
08520 10	09/469,975	United States
08525 00	09/001,788	United States
08531 00	09/134,226	United States
08532 00	09/016,221	United States
08535 10	09/613,216	United States
08544 10	09/753,827	United States
08545 10	09/867,171	United States
08548 00	09/141,183	United States
08551 00	09/077,352	United States
08554 00	09/136,076	United States
08562 00	09/141,493	United States
08571 10	09/895,037	United States
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08575 00	09/051,680	United States
08578 00	09/158,647	United States

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08589 02	09/330,311	United States
08592 00	09/050,477	United States
08593 00	09/071,611	United States
08594 10	09/714,025	United States
08597 00	09/168,363	United States
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08602 00	09/167,875	United States
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08608 10	09/639,211	United States
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08619 10	09/591,616	United States
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08634 10	09/481,422	United States
08644 00	09/193,387	United States
08648 00	09/150,259	United States
08654 10	09/834,163	United States
08658 00	09/178,231	United States
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08673 00	09/207,535	United States
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08695 10	09/615,935	United States
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08717 10	09/567,174	United States
08719 00	09/129,468	United States
08720 10	10/062,160	United States
08721 10	09/292,549	United States
08726 00	09/148,239	United States
08730 00	09/206,017	United States
08735 00	09/206,691	United States
08737 10	09/928,783	United States

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08750 00	09/293,219	United States
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08754 00	09/344,474	United States
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08756 00	09/268,012	United States
08759 10	09/704,155	United States
08760 10	09/829,546	United States
08762 10	09/475,415	United States
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08767 00	09/313,851	United States
08770 00	09/307,088	United States
08774 00	09/260,452	United States
08775 00	09/306,484	United States
08775 10	09/907,219	United States
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08786 00	09/259,062	United States
08788 00	09/344,759	United States
08789 00	09/344,786	United States
08790 00	09/344,132	United States
08792 00	09/344,144	United States
08795 00	09/344,765	United States
08798 00	09/326,068	United States
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08817 00	09/326,067	United States
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08822 00	09/330,649	United States
08823 00	09/330,680	United States
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08827 00	09/315,006	United States
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08845 10	09/351,737	United States
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08860 00	09/600,382	United States
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08867 00	09/352,186	United States
08870 00	09/352,461	United States
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08909 00	09/394,153	United States
08909 10	09/829,213	United States
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08911 00	09/401,106	United States
08915 00	09/407,222	United States
08916 00	09/404,958	United States
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08930 00	09/416,234	United States
08932 00	09/389,899	United States
08933 00	09/401,877	United States
08933 10	09/401,895	United States
08934 00	09/475,771	United States
08940 00	09/333,315	United States
08941 00	09/425,768	United States
08943 00	09/504,192	United States
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08962 00	09/415,787	United States
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08964 00	09/510,093	United States
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08971 00	09/475,523	United States
08974 00	09/442,671	United States
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08978	00	09/413,161	United States
08982	00	09/510,442	United States
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08993	00	09/443,030	United States
08994	00	09/455,851	United States
08995	00	09/456,746	United States
08996	00	09/456,766	United States
08999	00	09/470,659	United States
09002	00	09/435,319	United States
09004	00	09/496,621	United States
09005	00	09/451,416	United States
09006	00	09/483,341	United States
09009	00	09/469,597	United States
09010	00	09/473,847	United States
09011	00	09/425,468	United States
09012	00	09/499,829	United States
09013	00	09/510,441	United States
09014	00	09/488,123	United States
09018	00	09/483,525	United States
09019	00	09/483,240	United States
09020	00	09/467,989	United States
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09022	00	09/413,761	United States
09023	00	09/489,882	United States
09024	10	09/789,089	United States
09025	00	09/600,270	United States
09026	00	09/457,816	United States
09027	00	09/459,499	United States
09028	00	09/493,303	United States
09029	00	09/491,098	United States
09030	00	09/398,993	United States
09032	00	09/426,465	United States
09033	00	09/500,778	United States
09034	00	09/500,152	United States
09035	00	09/503,612	United States
09037	00	09/553,078	United States
09040	00	09/475,817	United States
09041	00	09/552,056	United States

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09044 00	09/557,630	United States
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09077 00	09/519,910	United States
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09079 00	09/553,073	United States
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09083 00	09/475,530	United States
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09090 00	09/487,235	United States
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09103 00	09/380,457	United States
09104 00	09/367,952	United States
09105 00	09/600,760	United States
09106 00	09/442,798	United States
09107 00	09/561,713	United States
09109 00	09/380,435	United States
09109 10	09/528,346	United States

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09112 00	09/427,226	United States
09113 00	09/465,956	United States
09114 00	09/409,755	United States
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09117 00	09/535,091	United States
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09118 00	09/561,221	United States
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09121 00	09/451,695	United States
09122 00	09/409,758	United States
09124 00	09/544,653	United States
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09127 00	09/472,501	United States
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09131 00	09/382,891	United States
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09138 10	10/024,819	United States
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09165 00	09/590,442	United States
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09169 00	09/589,607	United States
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TRADEMARK
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09178	00	09/605,155	United States
09183	10	09/602,335	United States
09183	00	09/603,260	United States
09185	00	09/602,781	United States
09189	00	09/566,560	United States
09192	00	09/567,545	United States
09193	00	09/602,135	United States
09194	00	09/473,264	United States
09195	00	09/607,346	United States
09196	00	09/609,199	United States
09197	00	09/558,265	United States
09198	00	09/607,347	United States
09199	00	09/612,394	United States
09201	00	09/476,629	United States
09202	00	09/613,151	United States
09203	00	09/552,744	United States
09204	00	09/533,435	United States
09205	00	09/620,497	United States
09206	00	09/489,532	United States
09211	00	09/621,163	United States
09212	00	09/621,495	United States
09215	00	09/625,441	United States
09218	00	09/490,420	United States
09219	00	09/619,738	United States
09222	00	09/539,263	United States
09223	00	09/577,896	United States
09225	00	09/526,269	United States
09227	00	09/621,295	United States
09228	00	09/652,904	United States
09229	00	09/645,464	United States
09230	00	09/542,180	United States
09234	00	09/626,029	United States
09235	00	09/587,241	United States
09235	10	10/100,353	United States
09236	00	09/564,518	United States
09237	00	09/640,422	United States
09238	00	09/553,220	United States
09238	10	10/020,621	United States
09239	00	09/507,136	United States
09240	00	09/641,144	United States

09241	00	09/454,542	United States
09242	00	09/528,286	United States
09243	00	09/558,253	United States
09244	00	09/592,636	United States
09245	00	09/579,764	United States
09246	00	09/645,420	United States
09247	00	09/644,410	United States
09250	00	09/641,906	United States
09250	10	10/057,241	United States
09251	00	09/641,691	United States
09252	00	09/645,107	United States
09253	00	09/652,624	United States
09254	00	09/641,696	United States
09256	00	09/411,344	United States
09259	00	09/550,370	United States
09262	00	09/641,113	United States
09263	00	09/649,106	United States
09264	00	09/584,261	United States
09265	00	09/610,202	United States
09266	00	09/641,400	United States
09267	00	09/578,235	United States
09268	00	09/648,869	United States
09269	00	09/641,905	United States
09270	00	09/641,694	United States
09271	00	09/641,695	United States
09271	10	09/641,902	United States
09272	00	09/641,898	United States
09273	00	09/515,576	United States
09274	00	09/494,787	United States
09278	00	09/550,876	United States
09281	00	09/689,384	United States
09282	00	09/689,471	United States
09283	00	09/686,014	United States
09285	00	09/668,710	United States
09288	00	09/686,551	United States
09289	00	09/584,246	United States
09290	00	09/585,254	United States
09291	00	09/686,697	United States
09292	00	09/686,836	United States
09293	00	09/687,057	United States
09295	00	09/660,815	United States
09297	00	09/686,416	United States
09299	00	09/553,076	United States
09300	00	09/696,467	United States

09301 00	09/684,705	United States
09302 00	10/031,320	United States
09304 00	09/522,517	United States
09305 00	09/454,085	United States
09306 00	09/590,312	United States
09307 00	09/539,597	United States
09308 00	09/680,661	United States
09311 00	09/523,296	United States
09312 00	09/689,472	United States
09313 00	09/689,561	United States
09316 00	09/557,353	United States
09317 00	09/689,562	United States
09318 00	09/605,154	United States
09320 00	09/517,923	United States
09324 00	09/591,770	United States
09325 00	09/689,312	United States
09326 00	09/686,038	United States
09328 00	09/540,380	United States
09330 00	09/677,123	United States
09331 00	09/695,679	United States
09332 00	09/716,509	United States
09333 00	09/715,279	United States
09334 00	09/651,046	United States
09336 00	09/553,523	United States
09337 00	09/718,995	United States
09338 00	09/698,754	United States
09341 00	09/716,755	United States
09342 00	09/560,905	United States
09346 00	09/541,218	United States
09347 00	09/705,853	United States
09349 00	09/717,650	United States
09351 00	09/777,033	United States
09355 00	09/718,730	United States
09356 00	09/716,502	United States
09357 00	09/717,780	United States
09358 00	09/724,112	United States
09360 00	09/726,157	United States
09362 00	09/711,207	United States
09363 00	09/727,665	United States
09366 00	09/608,487	United States
09367 00	09/895,052	United States
09368 00	09/728,042	United States
09369 00	09/698,457	United States
09370 00	09/689,631	United States

09371 00	09/715,880	United States
09372 00	09/566,412	United States
09373 00	09/587,312	United States
09374 00	09/657,984	United States
09375 00	09/549,424	United States
09376 00	09/726,906	United States
09377 00	09/589,325	United States
09378 00	09/665,093	United States
09379 00	09/572,664	United States
09381 00	09/639,700	United States
09382 00	09/649,984	United States
09383 10	09/989,966	United States
09388 00	09/689,473	United States
09389 00	09/690,526	United States
09390 00	09/727,031	United States
09391 00	09/724,226	United States
09392 00	09/726,369	United States
09393 00	09/724,109	United States
09395 00	09/773,972	United States
09396 00	09/755,730	United States
09397 00	09/755,019	United States
09399 00	09/667,105	United States
09400 00	09/755,504	United States
09401 00	09/755,728	United States
09404 00	09/726,786	United States
09405 00	09/716,702	United States
09408 00	09/733,405	United States
09410 00	09/704,177	United States
09411 00	09/717,515	United States
09412 10	10/014,057	United States
09413 00	09/757,433	United States
09414 00	09/757,845	United States
09416 00	09/757,837	United States
09417 00	09/757,135	United States
09418 00	09/757,432	United States
09423 00	09/760,229	United States
09424 00	09/760,057	United States
09425 00	09/778,472	United States
09426 00	09/778,163	United States
09431 00	09/649,985	United States
09432 00	09/605,080	United States
09433 00	09/711,357	United States
09434 00	09/758,739	United States
09435 00	09/758,851	United States

09436	00	09/742,569	United States
09437	00	09/548,148	United States
09438	00	09/631,530	United States
09440	00	09/934,816	United States
09443	00	09/712,493	United States
09444	00	09/697,957	United States
09446	00	09/753,791	United States
09447	00	09/767,546	United States
09448	00	09/532,927	United States
09449	00	09/766,285	United States
09451	00	09/759,948	United States
09452	00	09/759,706	United States
09457	00	09/776,061	United States
09458	00	09/776,435	United States
09459	00	09/784,838	United States
09460	00	09/780,315	United States
09461	00	09/773,686	United States
09462	10	09/773,942	United States
09462	00	09/773,458	United States
09464	00	09/692,137	United States
09468	00	09/726,366	United States
09469	00	09/698,601	United States
09472	00	09/792,310	United States
09474	00	09/663,760	United States
09475	00	09/792,648	United States
09476	00	09/776,699	United States
09477	00	09/792,884	United States
09478	00	09/756,815	United States
09482	00	09/730,182	United States
09487	00	09/777,270	United States
09488	00	09/776,363	United States
09489	00	09/785,670	United States
09490	00	09/785,074	United States
09493	00	09/777,269	United States
09495	00	09/691,867	United States
09496	00	09/696,269	United States
09497	00	09/792,654	United States
09498	00	09/770,422	United States
09499	00	09/649,536	United States
09500	00	09/776,024	United States
09501	00	09/637,271	United States
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TRADEMARK
REEL: 002548 FRAME: 0154

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09507 00	09/717,516	United States
09514 00	09/809,118	United States
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09517 00	09/815,482	United States
09520 00	09/816,815	United States
09524 00	09/823,079	United States
09525 00	09/716,987	United States
09526 00	09/697,960	United States
09527 00	09/698,914	United States
09528 00	09/624,568	United States
09529 00	09/822,816	United States
09531 00	09/658,845	United States
09532 00	09/815,746	United States
09533 00	09/813,411	United States
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09536 00	09/815,412	United States
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09538 00	09/725,969	United States
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09546 00	09/649,754	United States
09547 00	09/707,475	United States
09548 00	09/815,679	United States
09549 00	09/664,270	United States
09550 00	09/809,653	United States
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09552 00	09/694,634	United States
09553 00	09/689,042	United States
09554 00	09/835,131	United States
09555 00	09/815,488	United States
09556 00	09/677,638	United States
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09558 00	09/818,444	United States
09559 00	09/815,687	United States
09560 00	09/728,344	United States
09561 00	09/822,534	United States

TRADEMARK
REEL: 002548 FRAME: 0155

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09565	00	09/751,669	United States
09566	00	09/822,901	United States
09567	00	09/721,505	United States
09569	00	09/822,566	United States
09571	00	09/832,050	United States
09573	00	09/809,714	United States
09575	00	09/777,713	United States
09576	00	09/828,489	United States
09577	00	09/795,404	United States
09578	00	09/735,381	United States
09580	00	09/835,120	United States
09581	00	09/775,058	United States
09583	00	09/835,714	United States
09584	00	09/822,649	United States
09586	00	09/836,311	United States
09589	00	09/843,213	United States
09591	00	09/833,897	United States
09592	00	09/839,197	United States
09596	00	09/757,446	United States
09597	00	09/717,677	United States
09598	00	09/836,010	United States
09599	00	09/836,907	United States
09600	00	09/833,746	United States
09601	00	09/836,800	United States
09604	00	09/836,572	United States
09608	00	08/894,821	United States
09609	00	09/866,942	United States
09610	00	09/864,347	United States
09612	00	09/853,061	United States
09615	00	09/434,621	United States
09616	00	09/863,611	United States
09617	00	09/912,654	United States
09618	00	09/866,386	United States
09619	00	09/808,462	United States
09620	00	09/885,383	United States
09621	00	09/865,334	United States
09622	00	09/812,192	United States
09623	00	09/866,519	United States
09625	00	09/745,761	United States
09626	00	09/838,926	United States
09628	00	09/723,454	United States

09631 00	09/860,982	United States
09632 00	09/852,897	United States
09636 00	09/870,685	United States
09637 00	09/852,973	United States
09641 00	09/833,143	United States
09642 00	09/872,774	United States
09643 00	09/871,004	United States
09645 00	09/871,007	United States
09648 00	09/734,454	United States
09649 00	09/801,019	United States
09650 00	09/853,565	United States
09651 00	09/870,907	United States
09652 00	10/027,046	United States
09653 00	10/010,080	United States
09655 00	09/872,627	United States
09659 00	09/781,363	United States
09661 00	09/853,564	United States
09662 00	09/860,826	United States
09663 00	09/851,767	United States
09665 00	09/896,643	United States
09666 00	09/852,197	United States
09667 00	09/863,703	United States
09669 00	09/847,758	United States
09671 00	09/678,603	United States
09672 00	09/862,163	United States
09673 00	09/872,137	United States
09674 00	09/815,748	United States
09675 00	09/883,699	United States
09677 00	09/879,359	United States
09679 00	09/872,053	United States
09680 00	09/872,409	United States
09681 00	09/870,028	United States
09683 00	09/875,884	United States
09684 00	09/810,435	United States
09685 00	09/844,159	United States
09686 00	09/810,337	United States
09688 00	09/798,801	United States
09689 00	09/860,218	United States
09690 00	09/788,065	United States
09691 00	09/877,053	United States
09692 00	09/876,463	United States
09693 00	09/827,339	United States
09695 00	09/871,513	United States
09698 00	09/881,547	United States

09702 00	09/893,128	United States
09706 00	09/903,353	United States
09708 00	09/901,501	United States
09708 10	10/046,625	United States
09712 00	09/891,688	United States
09713 00	09/896,282	United States
09714 00	09/894,981	United States
09720 00	09/808,843	United States
09721 00	09/905,037	United States
09722 00	09/901,321	United States
09724 00	09/896,757	United States
09726 00	09/892,288	United States
09727 00	09/892,154	United States
09728 00	09/901,802	United States
09729 00	09/893,326	United States
09731 00	09/821,549	United States
09734 00	09/887,649	United States
09735 00	09/895,984	United States
09736 00	09/873,752	United States
09737 00	09/893,090	United States
09738 00	09/897,802	United States
09739 00	09/814,443	United States
09741 00	09/905,190	United States
09742 00	09/902,988	United States
09744 00	10/104,525	United States
09745 00	09/910,642	United States
09746 00	09/895,666	United States
09748 00	09/916,106	United States
09751 00	09/916,064	United States
09752 00	09/917,363	United States
09753 00	09/894,809	United States
09756 00	09/896,611	United States
09760 00	09/894,668	United States
09761 00	09/886,694	United States
09762 00	09/902,428	United States
09763 00	09/873,579	United States
09764 00	09/896,029	United States
09765 00	09/885,384	United States
09766 00	09/893,262	United States
09768 00	09/916,105	United States
09771 00	09/883,749	United States
09772 00	09/880,344	United States
09773 00	09/903,151	United States
09774 00	09/884,837	United States

TRADEMARK
REEL: 002548 FRAME: 0158

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09776 00	09/873,913	United States
09777 00	09/728,778	United States
09778 00	09/885,513	United States
09779 00	09/880,343	United States
09780 00	09/897,779	United States
09783 00	09/903,024	United States
09787 00	09/938,345	United States
09789 00	09/904,469	United States
09790 00	09/901,830	United States
09791 00	09/845,619	United States
09792 00	09/886,601	United States
09795 00	09/912,996	United States
09796 00	09/835,530	United States
09800 00	09/896,491	United States
09801 00	09/894,429	United States
09802 00	09/928,867	United States
09803 00	09/851,222	United States
09804 00	09/773,975	United States
09807 00	09/930,511	United States
09808 00	09/885,302	United States
09812 00	09/925,850	United States
09813 00	09/665,002	United States
09814 00	09/864,562	United States
09815 00	09/916,801	United States
09817 00	09/892,116	United States
09818 00	09/896,383	United States
09819 00	09/885,008	United States
09822 00	09/896,729	United States
09824 00	09/939,190	United States
09825 00	09/930,741	United States
09826 00	09/923,981	United States
09827 00	09/908,244	United States
09831 00	09/894,152	United States
09832 00	09/825,069	United States
09833 00	09/938,144	United States
09834 00	09/873,710	United States
09835 00	09/934,164	United States
09836 00	09/938,748	United States
09838 00	09/844,192	United States
09841 00	09/827,821	United States
09842 00	09/893,194	United States
09845 00	09/843,215	United States
09847 00	09/949,407	United States

09848 00	09/945,919	United States
09849 00	09/901,318	United States
09851 00	09/934,096	United States
09852 00	09/843,370	United States
09858 00	09/872,945	United States
09862 00	09/896,792	United States
09863 00	09/894,329	United States
09865 00	09/953,097	United States
09868 00	09/949,092	United States
09869 00	09/912,997	United States
09874 00	09/952,725	United States
09875 00	09/965,669	United States
09876 00	09/882,958	United States
09877 00	09/974,039	United States
09879 00	09/893,800	United States
09881 00	09/888,988	United States
09883 00	09/957,940	United States
09884 00	09/964,302	United States
09885 00	09/836,031	United States
09886 00	09/919,547	United States
09887 00	09/876,453	United States
09893 00	09/896,884	United States
09894 00	09/896,770	United States
09895 00	09/773,974	United States
09896 00	09/953,618	United States
09897 00	09/895,966	United States
09899 00	09/965,628	United States
09900 00	09/892,286	United States
09901 00	09/975,489	United States
09902 00	09/846,426	United States
09903 00	09/861,794	United States
09904 00	09/965,129	United States
09906 00	10/072,498	United States
09907 00	09/931,143	United States
09909 00	10/010,169	United States
09910 00	09/971,130	United States
09911 00	09/970,213	United States
09912 00	09/970,363	United States
09914 00	09/892,173	United States
09917 00	09/970,125	United States
09919 00	09/965,182	United States
09920 00	10/008,230	United States
09923 00	09/813,243	United States
09924 00	09/892,064	United States

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09926 00	09/891,988	United States
09927 00	09/874,705	United States
09928 00	09/874,771	United States
09929 00	09/961,085	United States
09930 00	09/877,345	United States
09932 00	09/963,229	United States
09933 00	09/977,100	United States
09934 00	09/894,639	United States
09935 00	09/891,446	United States
09939 00	09/850,818	United States
09940 00	09/884,796	United States
09942 00	09/972,699	United States
09943 00	09/939,174	United States
09944 00	09/981,765	United States
09945 00	09/945,940	United States
09946 00	10/084,729	United States
09948 00	09/930,925	United States
09949 00	09/915,935	United States
09950 00	09/895,754	United States
09951 00	09/826,586	United States
09953 00	09/952,122	United States
09955 00	10/042,061	United States
09956 00	10/041,658	United States
09957 00	10/005,670	United States
09959 00	09/968,266	United States
09960 00	10/003,730	United States
09961 00	09/963,879	United States
09962 00	09/975,294	United States
09963 00	09/892,386	United States
09964 00	09/894,247	United States
09965 00	09/795,596	United States
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09970 00	09/962,299	United States
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09978 00	09/855,354	United States
09979 00	10/000,070	United States
09980 00	09/896,782	United States
09981 00	09/894,518	United States
09982 00	09/981,052	United States
09983 00	09/999,286	United States

TRADEMARK
REEL: 002548 FRAME: 0161

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09986 00	09/893,203	United States
09987 00	09/998,696	United States
09988 00	10/006,861	United States
09990 00	10/015,870	United States
09992 00	09/904,721	United States
09996 00	10/010,755	United States
09997 00	10/008,954	United States
09998 00	09/919,236	United States
09999 00	09/895,658	United States
10000 00	09/995,433	United States
10002 00	09/990,153	United States
10005 00	09/995,206	United States
10005 10	09/995,206	United States
10010 00	10/016,245	United States
10011 00	09/925,085	United States
10012 00	09/961,858	United States
10013 00	09/961,962	United States
10014 00	09/823,655	United States
10017 00	09/896,895	United States
10019 00	10/021,956	United States
10020 00	10/021,158	United States
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10027 00	09/976,358	United States
10028 00	10/008,228	United States
10029 00	10/015,163	United States
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10034 00	09/683,357	United States
10039 00	09/969,477	United States
10041 00	09/999,720	United States
10045 00	09/957,406	United States
10046 00	10/001,661	United States
10048 00	09/897,760	United States
10049 00	10/028,845	United States
10050 00	09/966,385	United States
10052 00	09/946,324	United States
10053 00	10/032,721	United States
10054 00	09/951,565	United States
10056 00	10/033,484	United States
10061 00	10/042,928	United States
10062 00	09/955,776	United States
10063 00	10/043,078	United States
10066 00	10/051,603	United States
10070 00	10/051,366	United States

10071 00	10/037,679	United States
10077 00	10/057,831	United States
10080 00	09/999,329	United States
10088 00	09/996,408	United States
10089 00	09/955,621	United States
10092 00	09/885,316	United States
10095 00	10/008,646	United States
10097 00	09/957,527	United States
10101 00	09/943,329	United States
10103 00	10/055,448	United States
10107 00	10/056,717	United States
10108 00	09/946,878	United States
10109 00	10/060,881	United States
10110 00	10/060,015	United States
10113 00	09/683,191	United States
10116 00	10/055,456	United States
10117 00	09/902,926	United States
10119 00	09/898,808	United States
10121 00	09/966,673	United States
10122 00	09/896,322	United States
10123 00	09/885,340	United States
10123 10	09/885,338	United States
10127 00	09/893,379	United States
10132 00		United States
10133 00	09/917,065	United States
10136 00	09/997,949	United States
10137 00	09/893,130	United States
10138 00	09/879,739	United States
10143 00	10/005,244	United States
10145 00	10/079,046	United States
10150 00	10/012,829	United States
10151 00		United States
10152 00	09/683,187	United States
10156 00	09/824,825	United States
10169 00	10/015,144	United States
10170 00	10/021,883	United States
10171 00	09/896,648	United States
10173 00	10/024,688	United States
10176 00	10/023,670	United States
10180 00		United States
10182 00	10/098,663	United States
10186 00	10/028,047	United States
10188 00	10/115,174	United States
10192 00	09/925,358	United States

TRADEMARK
REEL: 002548 FRAME: 0163

10193 00	09/981,819	United States
10195 00	10/000,685	United States
10196 00	09/905,382	United States
10198 00	09/982,366	United States
10200 00	10/041,357	United States
10201 00	10/114,843	United States
10204 00	10/116,740	United States
10205 00	10/084,040	United States
10206 00		United States
10209 00	09/966,461	United States
10222 00	10/028,636	United States
10226 00	10/033,065	United States
10229 00	10/109,465	United States
10241 00	09/998,123	United States
10242 00	09/966,383	United States
10244 00	10/061,470	United States
10246 00	10/119,789	United States
10252 00	10/003,459	United States
10259 00	10/086,163	United States
10262 00	10/053,271	United States
10267 00	10/024,863	United States
10269 00	09/995,275	United States
10270 00	10/000,257	United States
10271 00	09/981,556	United States
10273 00	09/683,522	United States
10275 00	10/037,932	United States
10277 00	10/116,577	United States
10279 00	09/683,364	United States
10280 00	10/028,222	United States
10281 00	10/059,600	United States
10285 00	10/039,207	United States
10293 00	10/022,712	United States
10295 00	10/000,862	United States
10299 00	10/113,988	United States
10301 00	10/083,054	United States
10302 00	10/039,201	United States
10303 00	10/087,510	United States
10312 00		United States
10313 00	09/977,098	United States
10314 00	10/027,526	United States
10324 00	10/054,272	United States
10327 00	10/024,785	United States
10330 00	10/084,040	United States
10331 00	10/039,011	United States

TRADEMARK
REEL: 002548 FRAME: 0164

10332 00	09/971,348	United States
10340 00	10/015,240	United States
10350 00		United States
10351 00	10/087,688	United States
10352 00	10/034,078	United States
10360 00	10/029,318	United States
10364 00	10/016,342	United States
10365 00	10/056,496	United States
10367 00	10/035,081	United States
10368 00	09/995,018	United States
10371 00	10/054,130	United States
10372 00	09/896,318	United States
10373 00	09/970209	United States
10374 00	09/970,590	United States
10375 00	10/028,003	United States
10377 00	10/039,063	United States
10379 00	10/000,626	United States
10380 00	10/029,518	United States
10384 00	10/059,892	United States
10392 00	10/016,308	United States
10394 00	09/967,672	United States
10396 00	10/071,011	United States
10397 00	10/060,519	United States
10398 00	10/094,236	United States
10401 00		United States
10402 00		United States
10403 00	10/061,110	United States
10404 00		United States
10407 00	10/003,506	United States
10408 00	10/003,457	United States
10409 00	10/004,355	United States
10410 00	10/040,227	United States
10411 00	10/040,215	United States
10412 00	09/999,701	United States
10413 00	10/035,665	United States
10414 00	10/056,337	United States
10415 00		United States
10416 00	10/057,274	United States
10422 00	10/084,033	United States
10424 00	10/078,217	United States
10425 00	10/027,051	United States
10429 00	10/016,341	United States
10432 00	10/071,004	United States
10434 00	10/017,930	United States

TRADEMARK
REEL: 002548 FRAME: 0165

10435 00	10/057,271	United States
10435 10	10/057,277	United States
10436 00		United States
10438 00	10/043,691	United States
10445 00	10/034,814	United States
10446 00	10/071,770	United States
10447 00	10/071,119	United States
10455 00		United States
10457 00		United States
10458 00	10/028,067	United States
10463 00	10/072,122	United States
10465 00	10/087,130	United States
10470 00	10/032,176	United States
10471 00		United States
10474 00	10/014,371	United States
10477 00		United States
10478 00	10/056,729	United States
10479 00		United States
10482 00		United States
10483 00	10/050,236	United States
10485 00	10/028,496	United States
10486 00	10/028,681	United States
10487 00	10/126,725	United States
10489 00	10/113,997	United States
10492 00		United States
10494 00	10/090,876	United States
10495 00	10/029,459	United States
10497 00	10/090,875	United States
10501 00	09/998,119	United States
10504 00		United States
10505 00	10/115,457	United States
10506 00	10/087,413	United States
10509 00	10/055,688	United States
10510 00		United States
10511 00	10/086,918	United States
10516 00	10/066,231	United States
10517 00	10/055,110	United States
10521 00	10/113,102	United States
10523 00		United States
10525 00	10/097,776	United States
10526 00	10/091,803	United States
10527 00		United States
10528 00	10/079,684	United States
10533 00	10/043,427	United States

TRADEMARK
REEL: 002548 FRAME: 0166

10538	00	10/115,416	United States
10540	00		United States
10547	00	10/117,146	United States
10559	00		United States
10561	00		United States
10564	00	09/998,040	United States
10570	00		United States
10580	00		United States
10583	00		United States
10585	00		United States
10591	00	10/116,193	United States
10609	00	10/115,384	United States
10616	00	10/104,345	United States
10632	00	10/123,690	United States
10633	00		United States
10634	00		United States
10676	00	10/080,813	United States

UNFILED DOCKETS

Docket		Country	Title
8507	00	China	LASER TEXTURED AIR BEARING SURFACES
9335	00	China	MULTI-VOLTAGE, POWER-UP STABLE I/O BUFFER
9366	00	China	SHOCK RESISTANT SUSPENSION LIMITER FOR A DISC DRIVE
9779	00	China	MAGNETIC HEAD GIMBAL WITH IMPROVED DYNAMIC RESPONSE
9335	00	Germany	MULTI-VOLTAGE, POWER-UP STABLE I/O BUFFER
9366	00	Germany	SHOCK RESISTANT SUSPENSION LIMITER FOR A DISC DRIVE
9779	00	Germany	MAGNETIC HEAD GIMBAL WITH IMPROVED DYNAMIC RESPONSE
9102	00	Hong Kong	HIGHLY SENSITIVE SPIN VALVE HEADS USING A SELF-ALIGNED DEMAG-FIELD BALANCE ELEMENT
9335	00	Japan	MULTI-VOLTAGE, POWER-UP STABLE I/O BUFFER
9366	00	Japan	SHOCK RESISTANT SUSPENSION LIMITER FOR A DISC DRIVE

TRADEMARK
REEL: 002548 FRAME: 0167

9779	00	Japan	MAGNETIC HEAD GIMBAL WITH IMPROVED DYNAMIC RESPONSE
10307	00	PCT	SLIDER FEATURES FOR TEMPERATURE FLY HEIGHT CONTROL
10365	00	PCT	WRITER SENSING IN WRITE MODE BY USING WRITER-TO-READER COUPLING (WRITE-SAFE CONDITION VERIFICATION APPARATUS AND METHOD FOR THE WRITE ELEMENT IN A DISC DRIVE)
10401	00	PCT	HARD DRIVE VIRTUAL COM PORT TOOL ON THE WORLD WIDE WEB WITH THE ABILITY OF INITIATING A FULL TEST ON THE DESIRED DRIVE
10402	00	PCT	WEB BASED SIGNAL ANALYSIS AND CONTROL USING THE WORLD WIDE WEB
10428	00	PCT	DATA SYNOCHRONIZATION IN A MIRRORED DISC DRIVE
10451	00	PCT	METHOD OF LOCKING A DISC DRIVE TO IT'S DESIGNATED HOST AND SYNCHRONIZING CHANGING PASSWORDS BETWEEN THEM
10465	00	PCT	CORRECTED BIT ERROR RATE (CBER) TESTER
10512	01	PCT	SELF TIMED INTERFACE SDRAM INTERFACE
10516	00	PCT	METHOD AND APPARATUS FOR DETECTING MEDIA DEFECTS
10544	00	PCT	METHOD AND APPARATUS FOR CONTAINMENT AND SUPPLY OF AN INERT GAS FOR SERVO TRACK WRITER
10545	00	PCT	PREAMP WITH MICROWAVE NOISE TESTING CIRCUITS
10560	00	PCT	WELDING TECHNIQUE TO ATTACH AN HGA TO A PRINTED CIRCUIT BOARD ACTUATOR
10566	00	PCT	HGA PLATEAU GIMBAL DESIGN

TRADEMARK
REEL: 002548 FRAME: 0168

10577	00	PCT	DEDICATED ELECTRODES FOR ELECTROSTATIC FLY HEIGHT CONTROL
10604	00	PCT	DUAL SERIAL PORT SHARING APPARATUS
10606	00	PCT	USE-OF-OUT-BAND SIGNAL DETECTION FOR DISC DRIVE POWER MANAGEMENT
10626	00	PCT	LOW MOMENT MATERIAL FOR MAGNETIC RECORDING HEAD WRITE POLE
10642	00	PCT	DATA PATH VERIFICATION IMPLEMENTED IN THE STORAGE DEVICE IMPROVEMNET
10717	00	PCT	COMBINED ERROR CORRECTING AND RUN-LENGTH LIMITED CODING
10719	00	PCT	METHOD OF GENERATING TRUE RANDOM NUMBERS IN DISC DRIVES
10731	00	PCT	METHOD TO DETERMINE MOTOR CIRCUIT LOCK TO MOTOR DURING START UP BY MONITORING MOTOR CURRENT
10740	00	PCT	METHOD TO DETERMINE IF HEADS HAD LANDED IN DATA ZONE
10759	00	PCT	LIMITED CURRENT SLIDING MODE CONTROL FOR LOW RPM SPINDLE MOTOR SPEED REGULATION
10760	00	PCT	DETECTING HEAD FLY HEIGHT USING MEDIA NOISE
10761	00	PCT	DETECTING FLY HEIGHT USING MOTOR SPIN DOWN
9335	00	Singapore	MULTI-VOLTAGE, POWER-UP STABLE I/O BUFFER
9366	00	Singapore	SHOCK RESISTANT SUSPENSION LIMITER FOR A DISC DRIVE
9779	00	Singapore	MAGNETIC HEAD GIMBAL WITH IMPROVED DYNAMIC RESPONSE
9933	00	Singapore	LOGICAL ZONE TABLE GENERATION PROCESS

TRADEMARK
REEL: 002548 FRAME: 0169

10366	00	Singapore	SYSTEMS, APPARATUS, AND METHODS TO DETERMINE THERMAL DECAY CHARACTERIZATION FROM AN EQUALIZED SIGNAL-TO-NOISE RATIO OF A MAGNETIC DISC DRIVE DEVICE
10367	00	Singapore	GEAR-SHIFT METHOD IN THE SPINDLE CONTROL LOOP
10491	00	Singapore	AN IMPLEMENTATION OF AVERAGE AUTOMATIC GAIN CONTROL (AGC) IN CHANNEL CHIP
10498	00	Singapore	SINE FEED FORWARD SEEK WITH ADAPTIVE ACOUSTIC LEVEL CONSTRAINT
10535	00	Singapore	IMPROVED LOW COST PCC CONNECTOR DESIGN IN HARD DISK DRIVE
10546	00	Singapore	IMPROVED OD LATCH SYSTEM FOR HARD DISC DRIVE ACTUATOR
10553	00	Singapore	SYSTEM FOR LOADING, SEPARATING, PICKING AND PLACING A STACK OF THERMOFORMED, SHOCKED-RIBBED, TRANSPARENT PLASTIC CLAMSHELL
10554	00	Singapore	SYSTEM FOR SEPARATING A STACK OF THERMOFORMED, SHOCKED-RIBBED, TRANSPARENT PLASTIC CLAMSHELL
10555	00	Singapore	BARRIER BAG PRE-FOLD MACHINE
10556	00	Singapore	BARRIER BAG SEALER
10557	00	Singapore	PCBA FEED/PICK & PLACE
10573	00	Singapore	SOFT SENSOR FOR OPERATING SHOCK
10599	00	Singapore	MOTOR SHAFT ALIGNMENT METHOD FOR IMPROVED DISC DRIVE BALANCING

10664	00	Singapore	METHOD AND APPARATUS FOR MEASURING FDB MOTOR HALF FREQUENCY WHIRL
10682	00	Singapore	IMPLEMENTATION OF LOW CURRENT PREAMPLIFIER IN HARD DISC DRIVE
10718	00	Singapore	MR RESISTANCE MEASUREMENT BY DUMMY RESISTOR METHOD FOR HARD DISC DRIVE
10724	00	Singapore	SEAPATH SLIDER DESIGN
10725	00	Singapore	ICT FIXTURE LOADING MECHANISM
10756	00	Singapore	AN IMPLEMENTATION OF TEST ALGORITHM TO FILTER OUT VOID HEAD
5019	00	South Korea	ADJUSTABLE HEAD LOADING APPARATUS
9366	00	South Korea	SHOCK RESISTANT SUSPENSION LIMITER FOR A DISC DRIVE
9779	00	South Korea	MAGNETIC HEAD GIMBAL WITH IMPROVED DYNAMIC RESPONSE
9335	00	United Kingdom	MULTI-VOLTAGE, POWER-UP STABLE I/O BUFFER
9366	00	United Kingdom	SHOCK RESISTANT SUSPENSION LIMITER FOR A DISC DRIVE
9779	00	United Kingdom	MAGNETIC HEAD GIMBAL WITH IMPROVED DYNAMIC RESPONSE
1055	00	United States	TRI-PHASE SERVO PATTERN
1142	00	United States	LOW TOXICITY MAGNETIC COATINGS
2188	00	United States	DISCRETE TRACK "ZBR" EMBEDDED SERVO
3027	00	United States	METHOD TO IMPROVE THE PROPERTIES OF A LUBRICANT FILM
3047	00	United States	WETTABILITY IMPROVEMENT FOR RESISTS SPUN-ON MAGNETIC HARD-DISC MATERIALS
3056	00	United States	TARGET ASSEMBLY FOR MAGNETIC RECORDING MEDIA
3081	00	United States	ENERGY BARRIER EQUALISATION THROUGH ION-BEAM IMPLANTATION

3082	00	United States	HYDRODYNAMIC FLUID BEARING CONTAINING LUBRICANTS WITH REDUCED TEMPERATURE SENSITIVITY FOR DISC DRIVE APPLICATION
3085	00	United States	MAGNETIC RECORDING MEDIA WITH RU CORROSION BARRIER LAYER
3100	00	United States	ANTI-FERROMAGNETIC COUPLING BETWEEN MAGNETIC LAYERS IN PERPENDICULAR RECORDING MEDIA
3105	00	United States	PSEUDO-LAMINATED SOFT UNDERLAYERS FOR PERPENDICULAR MAGNETIC RECORDING MEDIA
3106	00	United States	AMORPHOUS SOFT UNDERLAYERS FOR PERPENDICULAR MAGNETIC RECORDING MEDIA
3113	00	United States	METHOD TO DETECT AIR IN FDB BEARING VIA RUN CURRENT
3116	00	United States	NEW LUBE FOR THIN FILM STORAGE MEDIA
3117	00	United States	OPTICAL COATING THICKNESS OPTIMIZATION FOR FLY HEIGHT TEST MEDIA
3118	00	United States	MAGNETIC RECORDING MEDIA ON DIRECT TEXTURED GLASS SUBSTRATES
3119	00	United States	RELOCATE CAPILLARY SEAL FOR SMALL DRIVE FORM FACTOR
3122	00	United States	CONTACT MAGNETIC PRINTING USING ACTUATED MAGNET POLES
3123	00	United States	MULTIPLE RADIAL/AXIAL SURFACES TO ENHANCE FLUIDBEARING PERFORMANCES
3125	00	United States	HYBRID SPINDLE BEARING
3126	00	United States	HYBRID SPINDLE BEARING
3127	00	United States	ALGORITHM TO CALCULATE SPINSTAND INDEPENDENT PES NOISE OF SERVO PATTERNED MEDIA

3129	00	United States	PRECISION PRESS FIT ASSEMBLY USING MICROACTUATOR
3130	00	United States	METHOD TO CONTROL CARBON INCLUSION (SURFACEMARK) TYPE DEFECTS USING ROTARY CATHODE SPUTTERING OF CARBON FILMS FOR THE MANUFATURING OF THIN FILM RIGID DISCS
3131	00	United States	APPARATUS TO BIAS GLASS DISCS ON A PALLET AFTER FIRST METAL LAYER IS DEPOSITED
3133	00	United States	APPARATUS TO BIAS PALLETS DURING SPUTTERING
3134	00	United States	CONSTANT PRESSURE MAGNETICALLY PRELOADED FDB MOTOR
3137	00	United States	SINGLE THRUST BEARING FDB MOTOR
3141	00	United States	MULITLEVEL STAMPER FOR IMPRINT LITHOGRAPHY
5151	00	United States	ENCODE DATA BASED ON SET TOP BOX ID
8945	10	United States	LOW-STRESS DISC DRIVE MICROACTUATOR CRADLE
9723	00	United States	ESD PROTECTION WITH SEMICONDUCTOR DIELECTRICS IN MR
9860	00	United States	CONTENT MANAGEMENT SYSTEM
10125	00	United States	HUMIDITY PURGE METHOD FOR ACCELERATING ENVIRONMENTAL STRESS TESTS
10178	00	United States	SIDE-READING REDUCTION (SIDE SHIELD) IN ABUTTED JUNCTION GMR HEAD
10189	00	United States	SLIDER LEVEL MICROACTUATOR WITH INTEGRATED FLY HEIGHT CONTROL
10232	00	United States	RANDOMIZED TRENCH AAB FOR BETTER PAMR PERFORMANCE
10274	00	United States	LOAD CALIBRATION DISK FOR BUFF/WIPE AND/OR TEXTURE MACHINE SETUP

TRADEMARK
REEL: 002548 FRAME: 0173

10282	00	United States	WRITE HEAD FOR HIGH ANISOTROPY MEDIA
10286	00	United States	SEMICONDUCTOR/METAL READ SENSOR FOR MAGNETIC RECORDING
10307	00	United States	SLIDER FEATURES FOR TEMPERATURE FLY HEIGHT CONTROL
10335	00	United States	ENHANCED MAGNETORESISTIVE SENSOR HAVING LOW RESISTIVITY DUAL PATH CONDUCTOR AND OPTIMIZED MANGETIC LAYER
10339	00	United States	DESIGN ALGORITHM FOR HIGH BANDWIDTH ACTUATOR
10345	00	United States	HGA WITH INCREASED AIR BEARING DAMPING
10350	01	United States	METHOD AND APPARATUS FOR SERVO TRACK WRITING IN INERT GAS TO REDUCE EFFECTS OF SYSTEM VIBRATION
10366	00	United States	SYSTEMS, APPARATUS, AND METHODS TO DETERMINE THERMAL DECAY CHARACTERIZATION FROM AN EQUALIZED SIGNAL-TO-NOISE RATIO OF A MAGNETIC DISC DRIVE DEVICE
10369	00	United States	CONTROLLED AIR BERING (CAB) FOR MAGNETIC SPACING CONTROL
10385	00	United States	CAPACITANCE MAPPING AND STORAGE OF DISC TOPOGRAPHY FOR ACTIVE FLY CONTROL
10393	00	United States	A SPATIALLY PUMPED MAGNETOSTATIC MODE WRITER
10421	00	United States	METHOD & APPARATUS FOR DETECTION OF INERT GAS LEAKAGE FROM ENCLOSURES
10428	00	United States	DATA SYNOCHRONIZATION IN A MIRRORED DISC DRIVE

TRADEMARK
REEL: 002548 FRAME: 0174

10451	00	United States	METHOD OF LOCKING A DISC DRIVE TO IT'S DESIGNATED HOST AND SYNCHRONIZING CHANGING PASSWORDS BETWEEN THEM
10460	00	United States	STW RADIAL POSITIONER SYSTEM
10484	00	United States	SELF-CORRECTING AAB DESIGN
10491	00	United States	AN IMPLEMENTATION OF AVERAGE AUTOMATIC GAIN CONTROL (AGC) IN CHANNEL CHIP
10498	00	United States	SINE FEED FORWARD SEEK WITH ADAPTIVE ACOUSTIC LEVEL CONSTRAINT
10512	00	United States	SELF TIMED INTERFACE SDRAM INTERFACE
10515	00	United States	HFO AS TUNNELING BARRIER MATERIAL FOR TGMR RECORDING HEAD APPLICATION
10518	00	United States	STICTION MITIGATION VIA NON-PRESSURE REGULATING TRENCHES
10530	00	United States	ION-BEAM INDUCED ORDER-DISORDER TRANSITION IN CRPT3
10531	00	United States	IMPROVED DEVICE AND METHOD TO RECORD INFORMATION ON A STORAGE MEDIUM
10535	00	United States	IMPROVED LOW COST PCC CONNECTOR DESIGN IN HARD DISK DRIVE
10537	00	United States	MAGNETIC SHIELDS FOR REDUCED VARIATIONS OF HEAD-MEDIA SPACING
10542	00	United States	METHOD OF PROTECTING DISC DRIVE DESIGNATED TO A HOST AGAINST HOT-PLUG ATTACKS
10544	00	United States	METHOD AND APPARATUS FOR CONTAINMENT AND SUPPLY OF AN INERT GAS FOR SERVO TRACK WRITER
10545	00	United States	PREAMP WITH MICROWAVE NOISE TESTING CIRCUITS

TRADEMARK
REEL: 002548 FRAME: 0175

10546	00	United States	IMPROVED OD LATCH SYSTEM FOR HARD DISC DRIVE ACTUATOR
10549	00	United States	NETWORK ENABLED DRIVE
10550	00	United States	A SURFACE PLASMON LENS
10553	00	United States	SYSTEM FOR LOADING, SEPARATING, PICKING AND PLACING A STACK OF THERMOFORMED, SHOCKED-RIBBED, TRANSPARENT PLASTIC CLAMSHELL
10554	00	United States	SYSTEM FOR SEPARATING A STACK OF THERMOFORMED, SHOCKED-RIBBED, TRANSPARENT PLASTIC CLAMSHELL
10555	00	United States	BARRIER BAG PRE-FOLD MACHINE
10556	00	United States	BARRIER BAG SEALER
10557	00	United States	PCBA FEED/PICK & PLACE
10560	00	United States	WELDING TECHNIQUE TO ATTACH AN HGA TO A PRINTED CIRCUIT BOARD ACTUATOR
10562	00	United States	ALGORITHM TO PREVENT VOLTAGE TRANSIENTS ON THE SUPPLY AND SUBSTRATE IN DISK DRIVE SPINDLE POWER AMPLIFIER APPLICATION
10566	00	United States	HGA PLATEAU GIMBAL DESIGN
10567	00	United States	ALGORITHM TO PREVENT MOTOR AUDIBLE NOISE AND CURRENT TRANSIENTS ON THE SUPPLY DURING MOTOR SPIN UP
10571	00	United States	HIGH FREQUENCY THERMALLY STABLE COIL STRUCUTRE FOR MAGNETIC RECORDING HEADS UTILIZING A DAMASCENE PROCESS
10572	00	United States	LITHOGRAPHIC OVERLAY METHOD TO FABRICATE MAGNETIC MATERIALS
10573	00	United States	SOFT SENSOR FOR OPERATING SHOCK

TRADEMARK
REEL: 002548 FRAME: 0176

10574	00	United States	FREQUENCY SEPARATION DAMPING
10577	00	United States	DEDICATED ELECTRODES FOR ELECTROSTATIC FLY HEIGHT CONTROL
10582	00	United States	ORGANIC SEMICONDUCTORS AS TUNNELING MAGNETORESISTANCE BARRIERS
10584	00	United States	A CLASS OF HIGH RATE RUN LENGTH LIMITED CODE
10588	00	United States	STRUCTURE TO ACHIEVE HIGH SENSITIVITY AND LINEAR DENSITY IN TUNNELING GMR HEADS USING ORTHOGNAL MAGNETIC ALIGNMENTS
10590	00	United States	METHOD FOR REDUCING DELAY OF COMMAND COMPLETION DUE TO OVERLAP CONDITION
10594	00	United States	STRUCTURE TO ACHIEVE THERMALLY STABLE HIGH SENSITIVITY AND LINEAR RANGE IN BRIDGE GMR SENSOR USING SAF MAGNETIC ALIGNMENTS
10598	00	United States	DISC CLAMP SCREW ALIGNMENT METHOD FOR IMPROVED DISC DRIVE BALANCING
10599	00	United States	MOTOR SHAFT ALIGNMENT METHOD FOR IMPROVED DISC DRIVE BALANCING
10604	00	United States	DUAL SERIAL PORT SHARING APPARATUS
10606	00	United States	USE-OF-OUT-BAND SIGNAL DETECTION FOR DISC DRIVE POWER MANAGEMENT
10607	00	United States	SPIN VALVE SENSOR FOR HIGH AREAL DENSITY APPLICATIONS
10612	00	United States	WRITTEN-IN ERROR COMPENSATION METHOD THAT ADDRESSES COHERENT REPEATABLE RUNOUT
10613	00	United States	ALGORITHM TO TRACK RADIALLY-DEPENDENT REPEATABLE RUNOUT

TRADEMARK
REEL: 002548 FRAME: 0177

10615	00	United States	STEPPED ENCLOSURE MINIMIZING DISC VIBRATION
10619	00	United States	HGA INTERCONNECT FEATURE FOR ELIMINATING WINDAGE INDUCED VIBRATION
10623	00	United States	METHOD OF REDUCING STICTION BY APPLYING A VOLTAGE DURING DWELL
10626	00	United States	LOW MOMENT MATERIAL FOR MAGNETIC RECORDING HEAD WRITE POLE
10627	00	United States	HEAT ASSISTED MAGNETIC RECORDING (HAMR) HEAD DESIGN TO ALIGN WRITE FIELD TO THE OPTICALLY HEATED SPOT
10631	00	United States	ENCAPSULATION OF HARD DISC DRIVE BY THERMAL-BONDING
10637	00	United States	IMPROVED CORROSION RESISTANCE OF HIGH MOMENT MATERIALS
10641	00	United States	METHOD & APPARATUS FOR PREDICTING ACOUSTIC SOUND POWER FROM SELECTIVE MECHANICAL VIBRATION
10642	00	United States	DATA PATH VERIFICATION IMPLEMENTED IN THE STORAGE DEVICE IMPROVEMNET
10643	00	United States	AMPLITUDE ENHANCEMENT IN GMR SENSORS VIA THE ADDITION OF AN ION IMPLANTATION PROCESS.
10644	00	United States	COMBINED ATOMIC LAYER DEPOSITION (ALD) AND DAMASCENE PROCESSING FOR TOP POLE TRACK WITH DEFININITON.
10647	00	United States	AN ELECTROSTATIC DISSIPATIVE METAL
10652	00	United States	GRIPPER WITH PARTS EJECTOR SYSTEM
10653	00	United States	TOP COVER REMOVAL MACHINE FOR DISC DRIVES

TRADEMARK
REEL: 002548 FRAME: 0178

10656	00	United States	DETERMINE HEAD-DISK CLEARANCE FOR ULTRA-LOW FLY-HEIGHT HEAD
10657	00	United States	DISC DRIVE AIR BORNE FILTERING CHANNEL
10658	00	United States	CONTACTING POINT DAMPING METHOD BETWEEN FLEX CIRCUIT AND PIVOT HOUSING
10659	00	United States	A METHOD TO DETERMINE HEAD/RECORDING MEDIUM PERFORMANCE FOR ZONE LAYOUT SELECTION
10661	00	United States	A METHOD AND DECODING APPARATUS USING LINEAR CODES WITH PARITY CHECK MATRICES COMPOSED FROM CIRCULANTS
10664	00	United States	METHOD AND APPARATUS FOR MEASURING FDB MOTOR HALF FREQUENCY WHIRL
10665	00	United States	ELIMINATION OF DOMAIN WALLS FROM THE POLES OF PERPENDICULAR WRITERS.
10667	00	United States	INTERRUPT WRITES FOR READ PERFORMAMCE
10673	00	United States	IMPROVED DISC DRIVE PERFORMANCE THROUGH RESOURCE ALLOCATION
10674	00	United States	HARD PARTICLE FILTER SYSTEM (HPFS)
10677	00	United States	FLEX CLAMP
10679	00	United States	DISC DRIVE AIR DAM
10682	00	United States	IMPLEMENTATION OF LOW CURRENT PREAMPLIFIER IN HARD DISC DRIVE
10687	00	United States	FILTER ASSEMBLY FOR A DATA STORAGE DEVICE
10692	00	United States	SHROUD FILTER FOR DISC DRIVE
10694	00	United States	ADAPTIVE COHERENT FEEDFORWARD COMPENSATION FOR REPEATABLE RUNOUT
10695	00	United States	AAB FEATURES TO IMPROVE PARTICLE INSENSITIVITY

TRADEMARK
REEL: 002548 FRAME: 0179

10697	00	United States	NEW POWER MANAGEMENT FOR A CSS DRIVE
	00		(POWER MANAGEMENT FOR A CSS DRIVE)
10699	00	United States	MERGE SPREADER SHIPPING COMB GUIDE
10700	00	United States	OFFICE CUBE COVER TO REDUCE EYE STRAIN
10701	00	United States	OPTIMIZING SEQUENTIAL STREAMING IN A QUEUING ENVIRONMENT
10703	00	United States	SLIDER WITH INDEPENDENTLY SUSPENDED TRANSDUCER
10705	00	United States	MULTIPLE INDEX GREY CODE
10706	00	United States	FABRICATION METHOD FOR A TRANSDUCER-LEVEL ELECTROSTATIC MICRO-ACTUATOR
10707	00	United States	WAFER-LEVEL FABRICATION METHOD FOR TOP OR SIDE SLIDER BOND PADS
10709	00	United States	PROCESS OF PROVIDING ESD PROTECTION FOR RECORDING HEADS
10715	00	United States	AIR BEARING CONCEPT TO REDUCE/ELIMINATE HEAD DISK LOAD UNLOAD DAMAGE.
10717	00	United States	COMBINED ERROR CORRECTING AND RUN-LENGTH LIMITED CODING
10718	00	United States	MR RESISTANCE MEASUREMENT BY DUMMY RESISTOR METHOD FOR HARD DISC DRIVE
10719	00	United States	METHOD OF GENERATING TRUE RANDOM NUMBERS IN DISC DRIVES
10724	00	United States	SEAPATH SLIDER DESIGN
10725	00	United States	ICT FIXTURE LOADING MECHANISM

TRADEMARK
REEL: 002548 FRAME: 0180

10726	00	United States	NOVEL METHOD MANUFACTURING A THIN FILM SPIN VALVE SENSOR WITH SPECULAR SCATTERING LAYER FORMED BY RF DEPOSITION AND A CU DUSTING LAYER
10730	00	United States	MULTIPLE SHROULD BYPASS FOR BULK WINDAGE REDUCTION
10731	00	United States	METHOD TO DETERMINE MOTOR CIRCUIT LOCK TO MOTOR DURING START UP BY MONITORING MOTOR CURRENT
10732	00	United States	TGMR HEAD STRUCTURE WITH CONDUCTIVE SHUNT ELEMENT
10734	00	United States	ERGONOMIC SUBSTRATE TRANSPORTER
10735	00	United States	A GROUPED SUBSPACE BASIS (GSB) METHOD FOR DISK HEAD FLATNESS CONTROL
10740	00	United States	METHOD TO DETERMINE IF HEADS HAD LANDED IN DATA ZONE
10741	00	United States	NOVEL GMR READ HEAD FOR MAXIMUM SENSITIVITY AND STABILITY
10747	00	United States	METHOD AND APPARATUS FOR TESTING AND SEALING A HELIUM FILLED DISK DRIVE
10748	00	United States	A NATURALLY, ACOUTICALLY DAMPED STIFF COVER FOR DISC DRIVES
10749	00	United States	TESTER FOR DETECTION AND CORRECTION OF MECHANICALLY BAD HGA
10755	00	United States	DISK DRIVE DATABASE FOR IMPROVED MANUFACTURING RELIABILITY
10756	00	United States	AN IMPLEMENTATION OF TEST ALGORITHM TO FILTER OUT VOID HEAD
10759	00	United States	LIMITED CURRENT SLIDING MODE CONTROL FOR LOW RPM SPINDLE MOTOR SPEED REGULATION

TRADEMARK
REEL: 002548 FRAME: 0181

10760	00	United States	DETECTING HEAD FLY HEIGHT USING MEDIA NOISE
10761	00	United States	DETECTING FLY HEIGHT USING MOTOR SPIN DOWN
10772	00	United States	REAL-TIME STORAGE BROKERING, DIFFERENTIATED STORAGE SERVICES

CLOSED OR EXPIRED

Docket		Country	Title
00420	00	Afhganistan	TRANSDUCING HEAD ASSEMBLY
00421	00	Afhganistan	INTERCHANGEABLE DISK ASSEMBLY
00420	00	Antigua & Barbuda	TRANSDUCING HEAD ASSEMBLY
00421	00	Antigua & Barbuda	INTERCHANGEABLE DISK ASSEMBLY
00422	00	Antigua & Barbuda	MAGNETIC TRANSDUCER HEAD ASSEMBLY
00423	00	Antigua & Barbuda	MAGNETIC DISK CALIBRATION TRACK
00424	00	Antigua & Barbuda	DISK RANDOM ACCESS MEMORY SYSTEM
00003	00	Australia	DIGITAL COMMUNICATIONS SYSTEM
00010	00	Australia	PHASE INVERTING DIRECT CURRENT AMP
00011	00	Australia	PULSE RESYNCHRONIZING SYSTEM
00012	00	Australia	HIGH SPEED SCANNER AND RESERVATION
00013	00	Australia	BORROW PYRAMID
00015	00	Australia	TRANSFORMER SWITCHING MATRIX
00016	00	Australia	HIGH SPEED MULTIPLICATION DEVICE
00035	00	Australia	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	Australia	MULTI-PROCESSOR USING TIME-SHARING
00037	00	Australia	HIGH SPEED DIVIDER
00162	00	Australia	BINARY DIGITAL COMPUTER W/ MAG DRUM
00163	00	Australia	MECHANICAL CODING AND SORTING
00403	00	Australia	MAGNETIC RECORD MEMBERS
00404	00	Australia	MAGNETIC RECORD MEMBERS
00417	00	Australia	MINIATURE MAGNETIC HEAD
00418	00	Australia	MULTIPLE MAGNETIC HEAD

TRADEMARK
REEL: 002548 FRAME: 0182

00420	00	Australia	TRANSDUCING HEAD ASSEMBLY
00421	00	Australia	INTERCHANGEABLE DISK ASSEMBLY
00422	00	Australia	MAGNETIC TRANSDUCER HEAD ASSEMBLY
00423	00	Australia	MAGNETIC DISK CALIBRATION TRACK
00424	00	Australia	DISK RANDOM ACCESS MEMORY SYSTEM
00429	00	Australia	MULTIPLE HEAD UNIT
00517	00	Australia	THROAT HEIGHT REF. FOR MONO. FER. H
00558	00	Australia	CUTTING NARROW TRACK FERRITE HEADS
00558	10	Australia	CUTTING NARROW TRACK FERRITE HEADS
00573	00	Australia	DISK MEMORY MODULE
00577	00	Australia	SEEK CONTROL LOWERS LARGE SEEK GAIN
00578	00	Australia	DISC CENTERING
00578	10	Australia	DISC CENTERING
00580	00	Australia	TIME/TRACK + TABLE LOOKUP SEEK
00596	00	Australia	MAGNETIC HEADS
00603	00	Australia	DISK CARTRIDGE
00612	00	Australia	DISC CARTRIDGE
00613	00	Australia	DISK CARTRIDGE
00614	00	Australia	DISK CARTRIDGE
00637	00	Australia	CARTRIDGE MECHANISM
00640	00	Australia	GIMBAL SPRING RETAINER
00669	00	Australia	REMOVABLE DISC MEDIA
00669	10	Australia	REMOVABLE DISC MEDIA
00688	00	Australia	QUICK DISCONNECT PACK
00689	00	Australia	DIGITAL SPEED CONTROL
00691	00	Australia	CLOSED
00694	00	Australia	ANTI-SATURATION CIRCUIT
00695	10	Australia	CARTRIDGE RECEIVER MECHANISM
00695	00	Australia	CARTRIDGE RECEIVER MECHANISM
00713	00	Australia	PROCESSING CIRCUIT READ SIGNAL
00717	00	Australia	CARTRIDGE LOAD MECHANISM
00723	00	Australia	ALIGNMENT METHOD AND APPARATUS
00727	00	Australia	WORKPIECE CARRIER
00740	00	Australia	SELF-LOADING MAGNETIC HEAD SLIDER
00741	00	Australia	LIFT OFF FEATURE DEFINITION
00742	00	Australia	SIGNAL RECOVERY CIRCUIT

TRADEMARK
REEL: 002548 FRAME: 0183

00746	00	Australia	PNEUMATIC CARTRIDGE SEAL
00763	00	Australia	CALIBRATING MACHINE SENSOR
00765	00	Australia	FLUID FILTER CARTRIDGE
00768	00	Australia	VIBRATION DAMPER
00770	00	Australia	EMBEDDED SERVO SECURITY
00772	00	Australia	HAMMERHEAD MR SENSOR
00784	00	Australia	PRECISION LAPPING SYSTEM
00817	00	Australia	THIN FILM HEAD FOR RECORDING
00818	00	Australia	HIGH SPEED COATING PROCESS
00819	00	Australia	FABRICATING NPAB SLIDERS
00819	20	Australia	FABRICATING NPAB SLIDERS
00820	00	Australia	PEAK AMPLITUDE MEASUREMENT
00841	20	Australia	ROTARY HEAD RECORDING
00848	00	Australia	SEE DKT 818, DISK STRIPPING PROCESS
00852	00	Australia	LIQUID LUBRICATED MAGNETIC DISK
00853	00	Australia	HUMIDITY CONTROL (CAPILLARY TUBE)
00855	00	Australia	INDEXED ROTARY ARM
00857	00	Australia	DOUBLET DETECTOR
00884	10	Australia	NEGATIVE PRESSURE SLIDER
00885	00	Australia	ADJUSTABLE, DEGAUSSER
00889	00	Australia	CALIBRATION: FLYING HEIGHT TESTER
00904	00	Australia	READ/WRITE HEAD W/ TRAVERSE WINDING
00905	00	Australia	PARITY DRIVE FOR DISK ARRAY
00907	00	Australia	MAGNETORESISTIVE SENSOR
00908	00	Australia	EXTENDED MET. IN GAP HEAD
00910	00	Australia	PERPENDICULAR DIGITAL RECORDING
00911	00	Australia	ADAPTIVE PULSE SLIMMING
00913	00	Australia	FUNCTIONALIZED LUBE FOR DISK
00921	00	Australia	DIGITAL ACTUATOR VELOCITY CONTROL
00926	00	Australia	DOUBLE-GAP MR HEAD, WIDE CENT. POLE
00927	00	Australia	SIDE VENTED, NPAB SLIDER
00970	00	Australia	VELOCITY FROM TRI-PHASE SERVO
00973	00	Australia	COMBINATION RING / PROBE HEAD
00975	00	Australia	ZONE BIT RECORDING, VERS. 1
00977	00	Australia	LOW DIFFUS. DISK DR. BREATHER VENT
00978	00	Australia	PHASE LOCK LOOP
00980	00	Australia	ELECTRODEPOSITION COBOLT IRON
00991	00	Australia	OFFSET COMPENSATE

TRADEMARK
REEL: 002548 FRAME: 0184

00992	00	Australia	ON THE FLY ERROR CORRECTION
01000	00	Australia	HEAD SUSPENSION
01003	00	Australia	NON LINEAR MR HEAD
01005	00	Australia	MAGNETORESISTIVE HEAD
01006	00	Australia	MAGNETORESISTIVE HEAD
01008	00	Australia	CONTROL YIELD DISTRIUTION
01010	00	Australia	LAP PLATE WIPER
01011	00	Australia	METHOD OF TEXTURING A LAPPING PLATE
01013	00	Australia	DUAL CHANNEL RECOVERY
01016	00	Australia	DATA-PHASE COMPARATOR
01017	00	Australia	3/2 FREQUENCY DIVIDER
01020	00	Australia	FLUORINATING CARBON OVERCOAT MEDIA
01024	00	Australia	HIGH STRENGTH MAGNET-POLE ASSEMBLER
01025	00	Australia	FERRITE CORE PLACEMENT METHOD
01027	00	Australia	SHOCK LOAD DETECTION DEVICE
01029	00	Australia	TRANSDUCER AMPLIFIER
01034	00	Australia	MAGNETIC DISK SUBSTRATE
01047	00	Australia	ADAPTIVE VELOCITY PROFILE
01077	00	Australia	BOTTLE NECK MR ELEMENT
01078	00	Australia	GANGED MR HEAD SENSOR
01093	00	Australia	CROSS TALK CANCELLATION SERVO HEAD
01094	00	Australia	DISK SPACER RING HAVING AIR PUMPS
01098	00	Australia	HEAD ARM LOCK MECHANISM FOR DISK DR
01102	00	Australia	RETRIGGERABLE MULTIVIBRATOR
01113	00	Australia	DISK DRIVE SPINDLE MOTOR
01117	00	Australia	DISK DRIVE ROTARY ACTUATOR
01123	00	Australia	READBACK RECOVERY
01131	00	Australia	MOTOR CONTROL SYSTEM
01135	00	Australia	FLEXIBLE MOUNT PCB
01136	00	Australia	MR SENSOR "LIP"
02006	00	Australia	HELICAL BAND DRIVE
02007	00	Australia	STRAIGHT ARM ROTARY ACTUATOR
02011	00	Australia	PREPENDICULAR RECORDING HEAD
02012	00	Australia	BI COMPLIANT ROTOR STEPPER MOTOR
02014	00	Australia	DISC MEMORY SERVO INDEXING SYSTEM
02016	00	Australia	VOICE COIL-BASE PLATE THERMAL ISOL.

TRADEMARK
REEL: 002548 FRAME: 0185

02017	00	Australia	COMPACT VOICE COIL CARRIAGE
02018	00	Australia	THERMAL OFFSET COMPENSATION
02019	00	Australia	BACK-EMF-STEPPER MOTOR HEAD PARKING
02020	00	Australia	DEFECT MAPPING
02022	00	Australia	CAR. LOCK W/ SHOCK COUNTERWEIGHT
02023	00	Australia	NONDESTRUCTIVE DISC MAGN. TEST
02025	00	Australia	DUAL TRACK SERVO SYSTEM
02027	00	Australia	BIPOLAR MOTOR CONTROL
02028	00	Australia	ENCAPSULATED STEPPER MOTOR
02031	00	Australia	IMPROVED SPINDLE MOTOR FOR DISK
02032	00	Australia	PERPENDICULAR RECORDING HEAD
02034	10	Australia	DISC DRIVE SPINDLE MOTOR WITH LOW COGGING TORQUE
02035	00	Australia	WEAR COMPENSATION FOR PIVOTED ARM
02040	00	Australia	INFORMATION STORAGE DISC
02042	00	Australia	RESISTANCE COMPENSATION IN A MOTOR
02043	00	Australia	VOICE COIL POSITIONING AMPLIFIER
02044	00	Australia	SWITCHED POWER SUPPLY
02045	00	Australia	IPS, SW. MODE PW. SUP. CONTROLLER
02060	00	Australia	LOW PROFILE SERVO ACTUATOR
04054	00	Australia	DISK DRIVE ARCHITECTURE
04056	00	Australia	LATCH MECHANISM FOR DISK DRIVES
04157	00	Australia	NETWORK MANAGEMENT SYSTEM HAVING VIRTUAL CATALOG OVERVIEW OF FILES DISTRIBUTIVELY STORED ACROSS NETWORK DOMAIN
04181	00	Australia	CSI-COUPLED MODULE FOR MONITORING AND CONTROLLING SCSI-COUPLED RAID BANK AND BANK ENVIRONMENT
00404	00	Austria	MAGNETIC RECORD MEMBERS
00423	00	Austria	MAGNETIC DISK CALIBRATION TRACK
00424	00	Austria	DISK RANDOM ACCESS MEMORY SYSTEM
04054	00	Austria	DISK DRIVE ARCHITECTURE
04056	00	Austria	LATCH MECHANISM FOR DISK DRIVES
04070	00	Austria	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Austria	DISK DRIVE APPARATUS

TRADEMARK
REEL: 002548 FRAME: 0186

04102	00	Austria	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Austria	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Austria	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Austria	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Austria	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Austria	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Austria	DATA TRANSFER SYSTEM
04167	00	Austria	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Austria	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Austria	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Austria	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
00035	00	Belgium	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	Belgium	MULTI-PROCESSOR USING TIME-SHARING
00037	00	Belgium	HIGH SPEED DIVIDER
00163	00	Belgium	MECHANICAL CODING AND SORTING
00165	00	Belgium	OPTICAL CARD TRANSLATOR
00168	00	Belgium	MAGNETIC RECORDING ON MAIL
00169	00	Belgium	SINGLE LETTER FEEDING DEVICE
00403	00	Belgium	MAGNETIC RECORD MEMBERS
00413	00	Belgium	MAGNETIC OXIDE COATING
00417	00	Belgium	MINIATURE MAGNETIC HEAD
00420	00	Belgium	TRANSDUCING HEAD ASSEMBLY
00421	00	Belgium	INTERCHANGEABLE DISK ASSEMBLY
00423	00	Belgium	MAGNETIC DISK CALIBRATION TRACK

00424	00	Belgium	DISK RANDOM ACCESS MEMORY SYSTEM
00426	00	Belgium	HIGH RECORDING DENSITY MAG. MEDIA
00429	00	Belgium	MULTIPLE HEAD UNIT
02004	00	Belgium	DISK DRIVE TEMP. COMPENSATION
02005	00	Belgium	DISC DRIVE LINEAR ACTUATOR
02006	10	Belgium	HELICAL BAND DRIVE
02006	00	Belgium	HELICAL BAND DRIVE
04042	00	Belgium	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04054	00	Belgium	DISK DRIVE ARCHITECTURE
04056	00	Belgium	LATCH MECHANISM FOR DISK DRIVES
04068	00	Belgium	DISK DRIVE APPARATUS
04070	00	Belgium	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Belgium	DISK DRIVE APPARATUS
04102	00	Belgium	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Belgium	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Belgium	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Belgium	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Belgium	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Belgium	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Belgium	DATA TRANSFER SYSTEM
04167	00	Belgium	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Belgium	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Belgium	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE

TRADEMARK
REEL: 002548 FRAME: 0188

04180	00	Belgium	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
04054	00	BrazIsrael	DISK DRIVE ARCHITECTURE
04056	00	BrazIsrael	LATCH MECHANISM FOR DISK DRIVES
00003	00	Canada	DIGITAL COMMUNICATIONS SYSTEM
00032	00	Canada	ELECTRONIC DISPLAY SYSTEM
00033	00	Canada	DATA EXCHANGER
00035	00	Canada	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	Canada	MULTI-PROCESSOR USING TIME-SHARING
00037	00	Canada	HIGH SPEED DIVIDER
00039	00	Canada	PLUGGABLE MEMORY MODULE
00040	00	Canada	COOLING SYSTEM FOR DP EQUIPMENT
00041	00	Canada	TWISTED PAIR TRANSMISSION SYSTEM
00042	00	Canada	COAXIAL CABLE TRANSMISSION SYSTEM
00049	00	Canada	FERROELECTRIC DATA STORAGE SYSTEM
00056	00	Canada	DATA TRANSMISSION APPARATUS
00059	00	Canada	AUTO CARD READER - SEE US 3,512,139
00059	10	Canada	AUTO CARD READER - SEE US 3,512,139
00059	20	Canada	AUTO CARD READER - SEE US 3,512,139
00063	00	Canada	DATA TRANSMISSION APPARATUS
00079	00	Canada	OPTICAL SHAFT-ENCODER DISK
00090	00	Canada	DIGITAL DIFFERENTIAL ANALYZER
00093	00	Canada	DISK FILE AND ACTUATOR
00094	00	Canada	SELF-ADJUSTING BRAKE OR CLUTCH
00095	10	Canada	
00108	00	Canada	RAILWAY CAR IDENTIFIER
00109	00	Canada	READING MACHINE W/ AUTO RECOGNITION
00134	00	Canada	COMPATIBLE AIRBORNE NAVIGATION
00137	00	Canada	WIDE ANGLE HORN FEED CLOSELY SPACED
00138	00	Canada	SYNCHRONIZED COMMUNICATIONS SYSTEM
00162	00	Canada	BINARY DIGITAL COMPUTER W/ MAG DRUM
00163	00	Canada	MECHANICAL CODING AND SORTING
00165	00	Canada	OPTICAL CARD TRANSLATOR

TRADEMARK
REEL: 002548 FRAME: 0189

00166	00	Canada	HIGH SPEED OPTICAL IDENTIFICATION
00167	00	Canada	PROCESSING SYSTEM FOR VEHICLE DATA
00168	00	Canada	MAGNETIC RECORDING ON MAIL
00169	00	Canada	SINGLE LETTER FEEDING DEVICE
00174	00	Canada	FLUID PRESSURE DIGITAL COMPUTER
00174	10	Canada	FLUID PRESSURE DIGITAL COMPUTER
00179	00	Canada	LOW LOSS MICROWAVE TRANSMISSION
00189	00	Canada	PRECONDITIONING A MEMORY SYSTEM
00205	00	Canada	MULTI-LAYER PRINTED CIRCUIT BOARD
00207	10	Canada	SYNC COMM - SEE DKT 138
00207	20	Canada	SYNC COMM - SEE DKT 138
00207	30	Canada	SYNC COMM - SEE DKT 138
00245	00	Canada	SYNC COM & NAV-SEE DKT 207
00292	00	Canada	
00293	00	Canada	
00403	00	Canada	MAGNETIC RECORD MEMBERS
00404	00	Canada	MAGNETIC RECORD MEMBERS
00413	00	Canada	MAGNETIC OXIDE COATING
00414	00	Canada	PLATING BATH & MAG. FILM DEPOSIT.
00417	00	Canada	MINIATURE MAGNETIC HEAD
00418	00	Canada	MULTIPLE MAGNETIC HEAD
00419	00	Canada	MAGNETIC DISK MEMORY ASSEMBLY
00420	00	Canada	TRANSDUCING HEAD ASSEMBLY
00421	00	Canada	INTERCHANGEABLE DISK ASSEMBLY
00422	00	Canada	MAGNETIC TRANSDUCER HEAD ASSEMBLY
00423	00	Canada	MAGNETIC DISK CALIBRATION TRACK
00424	00	Canada	DISK RANDOM ACCESS MEMORY SYSTEM
00425	00	Canada	ELECTROLESS DEPOSIT. MAG. FILM
00426	00	Canada	HIGH RECORDING DENSITY MAG. MEDIA
00429	00	Canada	MULTIPLE HEAD UNIT
00503	00	Canada	THERMALLY STABILIZED ENCLOSURE
00517	00	Canada	THROAT HEIGHT REF. FOR MONO. FER. H
00558	10	Canada	CUTTING NARROW TRACK FERRITE HEADS
00558	20	Canada	CUTTING NARROW TRACK FERRITE HEADS

TRADEMARK
REEL: 002548 FRAME: 0190

00572	00	Canada	RIBBON CABLE SLITTER
00573	00	Canada	DISK MEMORY MODULE
00577	00	Canada	SEEK CONTROL LOWERS LARGE SEEK GAIN
00578	00	Canada	DISC CENTERING
00578	10	Canada	DISC CENTERING
00580	00	Canada	TIME/TRACK + TABLE LOOKUP SEEK
00596	00	Canada	MAGNETIC HEADS
00603	00	Canada	DISK CARTRIDGE
00612	00	Canada	DISC CARTRIDGE
00613	00	Canada	DISK CARTRIDGE
00614	00	Canada	DISK CARTRIDGE
00635	00	Canada	HEAD LIFT MECHANISM
00637	00	Canada	CARTRIDGE MECHANISM
00640	00	Canada	GIMBAL SPRING RETAINER
00669	00	Canada	REMOVABLE DISC MEDIA
00688	00	Canada	QUICK DISCONNECT PACK
00689	00	Canada	DIGITAL SPEED CONTROL
00690	00	Canada	MICRO MODULE DRIVE INTERFACE
00691	00	Canada	CLOSED
00694	00	Canada	ANTI-SATURATION CIRCUIT
00695	00	Canada	CARTRIDGE RECEIVER MECHANISM
00713	00	Canada	PROCESSING CIRCUIT READ SIGNAL
00715	00	Canada	DISK DRIVE CARRIAGE STRUCTURE
00717	00	Canada	CARTRIDGE LOAD MECHANISM
00723	00	Canada	ALIGNMENT METHOD AND APPARATUS
00727	00	Canada	WORKPIECE CARRIER
00734	00	Canada	MACHINING SENSOR (CL.1 DISCLAIMED)
00734	10	Canada	MACHINING SENSOR (CL.1 DISCLAIMED)
00740	00	Canada	SELF-LOADING MAGNETIC HEAD SLIDER
00741	00	Canada	LIFT OFF FEATURE DEFINITION
00742	00	Canada	SIGNAL RECOVERY CIRCUIT
00746	00	Canada	PNEUMATIC CARTRIDGE SEAL
00750	00	Canada	MEMORY BOARD STACKING MODULE
00763	00	Canada	CALIBRATING MACHINE SENSOR
00765	00	Canada	FLUID FILTER CARTRIDGE
00766	00	Canada	SLIDE LOCK MECHANISM
00768	00	Canada	VIBRATION DAMPER
00770	00	Canada	EMBEDDED SERVO SECURITY
00772	00	Canada	HAMMERHEAD MR SENSOR

TRADEMARK
REEL: 002548 FRAME: 0191

00781	00	Canada	PHASE COMPARATOR AND DATA SEPARATOR
00784	00	Canada	PRECISION LAPPING SYSTEM
00798	00	Canada	DIGITAL MOTOR SPEED CONTROL
00817	00	Canada	THIN FILM HEAD FOR RECORDING
00818	00	Canada	HIGH SPEED COATING PROCESS
00819	00	Canada	FABRICATING NPAB SLIDERS
00819	20	Canada	FABRICATING NPAB SLIDERS
00820	00	Canada	PEAK AMPLITUDE MEASUREMENT
00841	00	Canada	ROTARY HEAD RECORDING
00841	20	Canada	ROTARY HEAD RECORDING
00848	00	Canada	SEE DKT 818, DISK STRIPPING PROCESS
00852	00	Canada	LIQUID LUBRICATED MAGNETIC DISK
00853	00	Canada	HUMIDITY CONTROL (CAPILLARY TUBE)
00855	00	Canada	INDEXED ROTARY ARM
00857	00	Canada	DOUBLET DETECTOR
00884	10	Canada	NEGATIVE PRESSURE SLIDER
00885	00	Canada	ADJUSTABLE, DEGAUSSER
00889	00	Canada	CALIBRATION: FLYING HEIGHT TESTER
00904	00	Canada	READ/WRITE HEAD W/ TRAVERSE WINDING
00905	00	Canada	PARITY DRIVE FOR DISK ARRAY
00907	00	Canada	MAGNETORESISTIVE SENSOR
00908	00	Canada	EXTENDED MET. IN GAP HEAD
00911	00	Canada	ADAPTIVE PULSE SLIMMING
00913	00	Canada	FUNCTIONALIZED LUBE FOR DISK
00917	00	Canada	SPINDLE MOTOR QUIET CENTRIFUGAL FAN
00921	00	Canada	DIGITAL ACTUATOR VELOCITY CONTROL
00923	00	Canada	SHIELD FOR VERTICAL RECORDING HEAD
00926	00	Canada	DOUBLE-GAP MR HEAD, WIDE CENT. POLE
00927	00	Canada	SIDE VENTED, NPAB SLIDER
00938	00	Canada	ORIGINAL US CASE, FLASH PROJECTILE
00951	00	Canada	RESOLVER SYSTEM
00954	00	Canada	MULT. PIN-HOLE CAMERA (ASSIGNED ?)
00955	00	Canada	

TRADEMARK
REEL: 002548 FRAME: 0192

00959	00	Canada	INTERRPUPT COMPUTER SYS: CA956,443
00970	00	Canada	VELOCITY FROM TRI-PHASE SERVO
00973	00	Canada	COMBINATION RING / PROBE HEAD
00975	00	Canada	ZONE BIT RECORDING, VERS. 1
00976	00	Canada	HEAD/DISK TEST
00977	00	Canada	LOW DIFFUS. DISK DR. BREATHER VENT
00978	00	Canada	PHASE LOCK LOOP
00980	00	Canada	ELECTRODEPOSITION COBOLT IRON
00991	00	Canada	OFFSET COMPENSATE
00992	00	Canada	ON THE FLY ERROR CORRECTION
01000	00	Canada	HEAD SUSPENSION
01003	00	Canada	NON LINEAR MR HEAD
01005	00	Canada	MAGNETORESISTIVE HEAD
01006	00	Canada	MAGNETORESISTIVE HEAD
01008	00	Canada	CONTROL YIELD DISTRIUTION
01010	00	Canada	LAP PLATE WIPER
01011	00	Canada	METHOD OF TEXTURING A LAPPING PLATE
01013	00	Canada	DUAL CHANNEL RECOVERY
01016	00	Canada	DATA-PHASE COMPARATOR
01017	00	Canada	3/2 FREQUENCY DIVIDER
01020	00	Canada	FLUORINATING CARBON OVERCOAT MEDIA
01024	00	Canada	HIGH STRENGTH MAGNET-POLE ASSEMBLER
01025	00	Canada	FERRITE CORE PLACEMENT METHOD
01027	00	Canada	SHOCK LOAD DETECTION DEVICE
01029	00	Canada	TRANSDUCER AMPLIFIER
01030	00	Canada	DOUBLE FIFTY CONNECTOR
01034	00	Canada	MAGNETIC DISK SUBSTRATE
01047	00	Canada	ADAPTIVE VELOCITY PROFILE
01054	00	Canada	MECHANICAL THERMAL COMPENSATOR
01077	00	Canada	BOTTLE NECK MR ELEMENT
01078	00	Canada	GANGED MR HEAD SENSOR
01093	00	Canada	CROSS TALK CANCELLATION SERVO HEAD
01094	00	Canada	DISK SPACER RING HAVING AIR PUMPS
01098	00	Canada	HEAD ARM LOCK MECHANISM FOR DISK DR
01102	00	Canada	RETRIGGERABLE MULTIVIBRATOR
01113	00	Canada	DISK DRIVE SPINDLE MOTOR

TRADEMARK
REEL: 002548 FRAME: 0193

01117	00	Canada	DISK DRIVE ROTARY ACTUATOR
01123	00	Canada	READBACK RECOVERY
01135	00	Canada	FLEXIBLE MOUNT PCB
01136	00	Canada	MR SENSOR "LIP"
02000	00	Canada	EVALUATING RECORDING SYSTEMS
02002	00	Canada	CRASH STOP AND TRACK 0 SENSOR
02003	00	Canada	DISC DRIVE CARTRIDGE LOADER
02004	00	Canada	DISK DRIVE TEMP. COMPENSATION
02005	00	Canada	DISC DRIVE LINEAR ACTUATOR
02006	00	Canada	HELICAL BAND DRIVE
02007	00	Canada	STRAIGHT ARM ROTARY ACTUATOR
02011	00	Canada	PREPENDICULAR RECORDING HEAD
02012	00	Canada	BI COMPLIANT ROTOR STEPPER MOTOR
02014	00	Canada	DISC MEMORY SERVO INDEXING SYSTEM
02016	00	Canada	VOICE COIL-BASE PLATE THERMAL ISOL.
02017	00	Canada	COMPACT VOICE COIL CARRIAGE
02018	00	Canada	THERMAL OFFSET COMPENSATION
02019	00	Canada	BACK-EMF-STEPPER MOTOR HEAD PARKING
02020	00	Canada	DEFECT MAPPING
02022	00	Canada	CAR. LOCK W/ SHOCK COUNTERWEIGHT
02023	00	Canada	NONDESTRUCTIVE DISC MAGN. TEST
02025	00	Canada	DUAL TRACK SERVO SYSTEM
02027	00	Canada	BIPOLAR MOTOR CONTROL
02028	00	Canada	ENCAPSULATED STEPPER MOTOR
02031	00	Canada	IMPROVED SPINDLE MOTOR FOR DISK
02032	00	Canada	PERPENDICULAR RECORDING HEAD
02034	10	Canada	DISC DRIVE SPINDLE MOTOR WITH LOW COGGING TORQUE
02035	00	Canada	WEAR COMPENSATION FOR PIVOTED ARM
02037	00	Canada	SAFETY LATCH W/SHAPE MEMORY METALS
02040	00	Canada	INFORMATION STORAGE DISC
02042	00	Canada	RESISTANCE COMPENSATION IN A MOTOR
02043	00	Canada	VOICE COIL POSITIONING AMPLIFIER
02044	00	Canada	SWITCHED POWER SUPPLY
02045	00	Canada	IPS, SW. MODE PW. SUP. CONTROLLER
02056	00	Canada	STEPPER MOTOR TORQUE VARIANCE

TRADEMARK
REEL: 002548 FRAME: 0194

02060	00	Canada	LOW PROFILE SERVO ACTUATOR
02063	00	Canada	ACTUATOR ARM FOR A DISC DRIVE
02067	00	Canada	IN LINE DISK SPUTTERING SYSTEM
02074	00	Canada	FIXED DISC ASSEMBLY & CLEAN AIR SYS
02075	00	Canada	HARD DISC AND R/W HEAD ACTUATOR
02076	00	Canada	DISC DRIVE ASSEMBLY
02105	00	Canada	DEFECT MANAGEMENT SCHEME
02107	00	Canada	SPINDLE MOTOR ASSEMBLY FOR DISC DRIVES
02141	00	Canada	SHAPE-MEMORY HEAD LIFTER
04054	00	Canada	DISK DRIVE ARCHITECTURE
04056	00	Canada	LATCH MECHANISM FOR DISK DRIVES
04070	00	Canada	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04102	00	Canada	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04148	00	Canada	ACOUSTICALLY DAMPED DUAL COVER FOR A DISK DRIVE
04154	00	Canada	METHOD OF ASSEMBLING A DISK DRIVE ACTUATOR
04156	00	Canada	WIRE CARRIER FOR DISK DRIVE
04157	00	Canada	NETWORK MANAGEMENT SYSTEM HAVING VIRTUAL CATALOG OVERVIEW OF FILES DISTRIBUTIVELY STORED ACROSS NETWORK DOMAIN
04158	00	Canada	HIGH WALL DISK CLAMP DESIGN
04172	00	Canada	HIGH TEMPERATURE HEAD SLIDER GEOMETRY CONTROL FOR CONTACT OR NEAR CONTACT RECORDING
04176	00	Canada	STACKABLE ACTUATOR ASSEMBLY
04177	00	Canada	METHOD AND APPARATUS FOR CONTROLLING SPINDLE SPEED TO COMPENSATE FOR DRAG IN A DISK DRIVE SYSTEM
04178	00	Canada	HEAD INCREMENTAL MODE FOR NEAR CONTACT AND CONTACT RECORDING
04179	00	Canada	BURNISHABLE HEAD AND MEDIA FOR NEAR CONTACT AND CONTACT RECORDING

TRADEMARK
REEL: 002548 FRAME: 0195

04181	00	Canada	CSI-COUPLED MODULE FOR MONITORING AND CONTROLLING SCSI-COUPLED RAID BANK AND BANK ENVIRONMENT
04183	00	Canada	DATA BUFFER MONITORING APPARATUS IN A DISK DRIVE SYSTEM
04185	00	Canada	DISK DRIVE INCLUDING MULTI-STATE ENVIRONMENTAL DIFFUSION BUFFER
04188	00	Canada	APPARATUS AND METHOD FOR SPUTTERING CARBON
04189	00	Canada	DYNAMIC BUFFER CHAMBER
04191	00	Canada	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04193	00	Canada	APPARATUS AND METHOD FOR CONTROLLING THE FREQUENCY AT WHICH DATA IS WRITTEN IN A DISK DRIVE SYSTEM
04194	00	Canada	APPARATUS FOR COMPENSATING FOR NON-LINEAR CHARACTERISTICS OF MAGNETORESISTIVE HEADS
04195	00	Canada	DIGITAL DATA PHASE DETECTOR
04196	00	Canada	MAGNETIC HEAD SUB-AMBIENT AIR PRESSURE SLIDER FOR A DISK DRIVE DEVICE OR THE LIKE
04197	00	Canada	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04198	00	Canada	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04199	00	Canada	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04204	00	Canada	DISK DRIVE INCLUDING EMBEDDED VOICE COIL MAGNET PLATES
04205	00	Canada	DUAL MEMBER DISK CLAMP
04206	00	Canada	DISK DRIVE STICTION RELEASE SYSTEM
04207	00	Canada	MULTI-LAYER MAGNETIC RECORDING MEDIA AND MAGNETORESISTIVE DRIVE SYSTEMS
04208	00	Canada	FM DETECTION OF SLIDER-DISK INTERFACE

TRADEMARK
REEL: 002548 FRAME: 0196

04209	00	Canada	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04210	00	Canada	DUAL IDENTIFICATION FOR DATA FIELDS OF A DISK DRIVE
04214	00	Canada	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
01175	00	China	TRI-LEVEL PULSE DETECTION
02280	00	China	LINEAR ACTUATOR FOR DISC DRIVE
02369	00	China	APPLYING A RAMPED VOLTAGE SOURCE ACROSS AN ACTUATOR COIL TO RETRACT A DISC DRIVE ACTUATOR
02510	00	China	AIR FLOW ACTUATED LATCH
02734	00	China	MULTIPLE SDRAM CONFIGURATIONS
04148	00	China	ACOUSTICALLY DAMPED DUAL COVER FOR A DISK DRIVE
04154	00	China	METHOD OF ASSEMBLING A DISK DRIVE ACTUATOR
04156	00	China	WIRE CARRIER FOR DISK DRIVE
04157	00	China	NETWORK MANAGEMENT SYSTEM HAVING VIRTUAL CATALOG OVERVIEW OF FILES DISTRIBUTIVELY STORED ACROSS NETWORK DOMAIN
04158	00	China	HIGH WALL DISK CLAMP DESIGN
04172	00	China	HIGH TEMPERATURE HEAD SLIDER GEOMETRY CONTROL FOR CONTACT OR NEAR CONTACT RECORDING
04176	00	China	STACKABLE ACTUATOR ASSEMBLY
04177	00	China	METHOD AND APPARATUS FOR CONTROLLING SPINDLE SPEED TO COMPENSATE FOR DRAG IN A DISK DRIVE SYSTEM
04178	00	China	HEAD INCREMENTAL MODE FOR NEAR CONTACT AND CONTACT RECORDING
04179	00	China	BURNISHABLE HEAD AND MEDIA FOR NEAR CONTACT AND CONTACT RECORDING
04181	00	China	CSI-COUPLED MODULE FOR MONITORING AND CONTROLLING SCSI-COUPLED RAID BANK AND BANK ENVIRONMENT
04183	00	China	DATA BUFFER MONITORING APPARATUS IN A DISK DRIVE SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0197

04189	00	China	DYNAMIC BUFFER CHAMBER
04191	00	China	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04193	00	China	APPARATUS AND METHOD FOR CONTROLLING THE FREQUENCY AT WHICH DATA IS WRITTEN IN A DISK DRIVE SYSTEM
04194	00	China	APPARATUS FOR COMPENSATING FOR NON-LINEAR CHARACTERISTICS OF MAGNETORESISTIVE HEADS
04195	00	China	DIGITAL DATA PHASE DETECTOR
04197	00	China	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04198	00	China	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04199	00	China	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04204	00	China	DISK DRIVE INCLUDING EMBEDDED VOICE COIL MAGNET PLATES
04205	00	China	DUAL MEMBER DISK CLAMP
04208	00	China	FM DETECTION OF SLIDER-DISK INTERFACE
04209	00	China	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04210	00	China	DUAL IDENTIFICATION FOR DATA FIELDS OF A DISK DRIVE
04214	00	China	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
08473	00	China	DUAL LAYER MAGNETIC EXCHANGE STABILIZATION FOR MR HEADS
08495	00	China	WRITE CURRENT TEMP. CTRL. CONFIG.
08528	00	China	METHOD OF IMPLEMENTING A LINEAR DISCRETE-TIME STATE-SPACED SERVO CONTROL SYSTEM ON A FIXED-POINT DIGITAL SIGNAL PROCESSOR IN A DISC DRIVE
08529	00	China	DISC DRIVE WITH ROBUST TRACK FOLLOWING SERVO CONTROLLER

TRADEMARK
REEL: 002548 FRAME: 0198

08530	00	China	MODEL VALIDATION ALGORITHM FOR CHARACTERIZING PARAMETERS AND UNCERTAINTY IN A DISC DRIVE
08536	00	China	CONSTANT DENSITY SERVO INFORMATION IN A DISC DRIVE
08546	00	China	ROTARY RAMP LOAD OF R/W HEADS
08559	00	China	OBJECT RECONSTRUCTION ON OO DISCS
08561	00	China	FILTER CAL. AND HEAD STABILITY DET.
08572	00	China	ULTRA HIGH PERFORMANCE DISC DRIVE
08589	00	China	REPEATED SERVO RUNOUT ERROR COMPENSATION IN A DISC DRIVE
08634	00	China	COMPENSATION FOR REPEATABLE RUN-OUT ERROR
08897	00	China	CONCENTRIC SPACING OF VIRTUAL DATA TRACKS USING RUN-OUT COMPENSATION
09091	00	China	ACTUATOR LATCH FOR DISC DRIVE
10156	00	China	MAGNETIC TRANSDUCER WITH INTEGRATED CHARGE BLEED RESISTORS
04070	00	Denmark	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Denmark	DISK DRIVE APPARATUS
04102	00	Denmark	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Denmark	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Denmark	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Denmark	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Denmark	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Denmark	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Denmark	DATA TRANSFER SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0199

04167	00	Denmark	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Denmark	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Denmark	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Denmark	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
00079	00	Europe	OPTICAL SHAFT-ENCODER DISK
00688	00	Europe	QUICK DISCONNECT PACK
00689	00	Europe	DIGITAL SPEED CONTROL
00694	00	Europe	ANTI-SATURATION CIRCUIT
00723	00	Europe	ALIGNMENT METHOD AND APPARATUS
00841	00	Europe	ROTARY HEAD RECORDING
00852	00	Europe	LIQUID LUBRICATED MAGNETIC DISK
00853	00	Europe	HUMIDITY CONTROL (CAPILLARY TUBE)
00855	00	Europe	INDEXED ROTARY ARM
00857	00	Europe	DOUBLET DETECTOR
00885	00	Europe	ADJUSTABLE, DEGAUSSER
00889	00	Europe	CALIBRATION: FLYING HEIGHT TESTER
00905	00	Europe	PARITY DRIVE FOR DISK ARRAY
00907	00	Europe	MAGNETORESISTIVE SENSOR
00908	00	Europe	EXTENDED MET. IN GAP HEAD
00910	00	Europe	PERPENDICULAR DIGITAL RECORDING
00913	00	Europe	FUNCTIONALIZED LUBE FOR DISK
00917	00	Europe	SPINDLE MOTOR QUIET CENTRIFUGAL FAN
00926	00	Europe	DOUBLE-GAP MR HEAD, WIDE CENT. POLE
00927	00	Europe	SIDE VENTED, NPAB SLIDER
00970	00	Europe	VELOCITY FROM TRI-PHASE SERVO
00970	10	Europe	VELOCITY FROM TRI-PHASE SERVO
00973	00	Europe	COMBINATION RING / PROBE HEAD
00975	00	Europe	ZONE BIT RECORDING, VERS. 1
00976	00	Europe	HEAD/DISK TEST
00977	00	Europe	LOW DIFFUS. DISK DR. BREATHER VENT
00978	00	Europe	PHASE LOCK LOOP

TRADEMARK
REEL: 002548 FRAME: 0200

00980	00	Europe	ELECTRODEPOSITION COBOLT IRON
00987	00	Europe	NEGATIVE PRESSURE AIR BEARING
00987	50	Europe	NEGATIVE PRESSURE AIR BEARING
00991	00	Europe	OFFSET COMPENSATE
00992	00	Europe	ON THE FLY ERROR CORRECTION
01000	00	Europe	HEAD SUSPENSION
01003	00	Europe	NON LINEAR MR HEAD
01005	00	Europe	MAGNETORESISTIVE HEAD
01006	00	Europe	MAGNETORESISTIVE HEAD
01008	00	Europe	CONTROL YIELD DISTRIUTION
01009	00	Europe	SLURRY DISPENSOR
01010	00	Europe	LAP PLATE WIPER
01011	00	Europe	METHOD OF TEXTURING A LAPPING PLATE
01016	00	Europe	DATA-PHASE COMPARATOR
01017	00	Europe	3/2 FREQUENCY DIVIDER
01020	00	Europe	FLUORINATING CARBON OVERCOAT MEDIA
01024	00	Europe	HIGH STRENGTH MAGNET-POLE ASSEMBLER
01025	00	Europe	FERRITE CORE PLACEMENT METHOD
01027	00	Europe	SHOCK LOAD DETECTION DEVICE
01029	00	Europe	TRANSDUCER AMPLIFIER
01030	00	Europe	DOUBLE FIFTY CONNECTOR
01034	00	Europe	MAGNETIC DISK SUBSTRATE
01047	00	Europe	ADAPTIVE VELOCITY PROFILE
01077	00	Europe	BOTTLE NECK MR ELEMENT
01078	00	Europe	GANGED MR HEAD SENSOR
01085	00	Europe	HOUR-GLASS DISK HEAD SLIDER
01087	00	Europe	GROUNDING POLE STRUCTURE
01093	00	Europe	CROSS TALK CANCELLATION SERVO HEAD
01094	00	Europe	DISK SPACER RING HAVING AIR PUMPS
01097	00	Europe	COFEB THIN FILM HEAD CORE
01098	00	Europe	HEAD ARM LOCK MECHANISM FOR DISK DR
01102	00	Europe	RETRIGGERABLE MULTIVIBRATOR
01109	00	Europe	HfO2 (Y203) HARD DISK OVERCOAT
01111	00	Europe	ELECTRONIC FLYING INTEGRITY TESTER
01113	00	Europe	DISK DRIVE SPINDLE MOTOR
01117	00	Europe	DISK DRIVE ROTARY ACTUATOR
01123	00	Europe	READBACK RECOVERY
01124	00	Europe	METASTABLE PREVENT CIRCUIT

TRADEMARK
REEL: 002548 FRAME: 0201

01125	00	Europe	SERVO ADDRESS SYSTEM
01126	00	Europe	OFFSET NULLING SYSTEM
01127	00	Europe	ADAPTIVE VELOCITY DD HEAD
01131	00	Europe	MOTOR CONTROL SYSTEM
01132	00	Europe	DISK DRIVE ASSEMBLY STATION
01135	00	Europe	FLEXIBLE MOUNT PCB
01136	00	Europe	MR SENSOR "LIP"
01150	10	Europe	METHOD FOR MFG. M.I.G. FLUX GAP
01150	00	Europe	METHOD FOR MFG. M.I.G. FLUX GAP
01164	00	Europe	LASER PRODUCED TEXTURE
01169	00	Europe	ACTUATOR MOUNT FOR DISKDRIVES
01170	00	Europe	GANGED DATA ARM THERMAL ALIGNMENT
01171	00	Europe	POLE DESIGN FOR THIN FILM HEADS
01172	00	Europe	MR HEAD SETTING PROCEDURE
01175	10	Europe	TRI-LEVEL PULSE DETECTION
01175	00	Europe	TRI-LEVEL PULSE DETECTION
01176	00	Europe	LOW NOISE MAGNETIC MEDIA
02004	00	Europe	DISK DRIVE TEMP. COMPENSATION
02005	00	Europe	DISC DRIVE LINEAR ACTUATOR
02006	00	Europe	HELICAL BAND DRIVE
02006	10	Europe	HELICAL BAND DRIVE
02007	00	Europe	STRAIGHT ARM ROTARY ACTUATOR
02011	00	Europe	PREPENDICULAR RECORDING HEAD
02012	00	Europe	BI COMPLIANT ROTOR STEPPER MOTOR
02014	00	Europe	DISC MEMORY SERVO INDEXING SYSTEM
02016	00	Europe	VOICE COIL-BASE PLATE THERMAL ISOL.
02017	00	Europe	COMPACT VOICE COIL CARRIAGE
02017	10	Europe	COMPACT VOICE COIL CARRIAGE
02018	00	Europe	THERMAL OFFSET COMPENSATION
02018	10	Europe	THERMAL OFFSET COMPENSATION
02019	00	Europe	BACK-EMF-STEPPER MOTOR HEAD PARKING
02020	00	Europe	DEFECT MAPPING
02022	00	Europe	CAR. LOCK W/ SHOCK COUNTERWEIGHT
02023	00	Europe	NONDESTRUCTIVE DISC MAGN. TEST
02025	00	Europe	DUAL TRACK SERVO SYSTEM
02027	00	Europe	BIPOLAR MOTOR CONTROL
02028	00	Europe	ENCAPSULATED STEPPER MOTOR
02031	00	Europe	IMPROVED SPINDLE MOTOR FOR DISK

TRADEMARK
REEL: 002548 FRAME: 0202

02032	00	Europe	PERPENDICULAR RECORDING HEAD
02034	10	Europe	DISC DRIVE SPINDLE MOTOR WITH LOW COGGING TORQUE
02035	00	Europe	WEAR COMPENSATION FOR PIVOTED ARM
02037	00	Europe	SAFETY LATCH W/SHAPE MEMORY METALS
02040	00	Europe	INFORMATION STORAGE DISC
02042	00	Europe	RESISTANCE COMPENSATION IN A MOTOR
02043	00	Europe	VOICE COIL POSITIONING AMPLIFIER
02044	00	Europe	SWITCHED POWER SUPPLY
02044	10	Europe	SWITCHED POWER SUPPLY
02045	00	Europe	IPS, SW. MODE PW. SUP. CONTROLLER
02056	00	Europe	STEPPER MOTOR TORQUE VARIANCE
02060	00	Europe	LOW PROFILE SERVO ACTUATOR
02063	00	Europe	ACTUATOR ARM FOR A DISC DRIVE
02063	10	Europe	ACTUATOR ARM FOR A DISC DRIVE
02067	00	Europe	IN LINE DISK SPUTTERING SYSTEM
02097	00	Europe	SINGLE CHIP SCSI DISC CONTROLLER
02098	00	Europe	TUNED RING OSCILLATOR
02105	00	Europe	DEFECT MANAGEMENT SCHEME
02107	00	Europe	SPINDLE MOTOR ASSEMBLY FOR DISC DRIVES
02115	00	Europe	INDIRECT MOTOR POSITION DETECTION
02129	00	Europe	DUAL PIVOT DISC DRIVE
02134	00	Europe	ROTOR POSITION BY SENSITIVITY
02135	00	Europe	TIME DIFF. ROTOR POSITION DETECT
02137	01	Europe	MINITURE HARD DISK DRIVE SYSTEM
02138	00	Europe	DISC DRIVE GASKET AND MATERIAL
02141	00	Europe	SHAPE-MEMORY HEAD LIFTER
02172	00	Europe	A SEMICONDUCTOR DEVICE FABRICATION
02191	00	Europe	SHOCK DETECTOR
02204	00	Europe	CONSTANT VELOCITY AUTOPARK CIRCUIT
02206	00	Europe	VCM RETURN-PATH LATCH
02212	00	Europe	CRASH STOP AND MAGNETIC LATCH FOR OPTIMUM USE OF DISC SPACE
02218	00	Europe	HEAD FLEXURE ASM. FOR LOWEST DISC
02221	00	Europe	UNIPOLAR MR PREAMPLIFIER
02229	00	Europe	LOW PROFILE DISC CLAMP

TRADEMARK
REEL: 002548 FRAME: 0203

02234	00	Europe	FLYING LEAD OVER MOLD COIL
02239	00	Europe	FLEXIBLE MOUNT W/ ZERO POSITIONING
02247	00	Europe	ROTATION AIR VANE INERTIA LATCH
02252	00	Europe	DISC CLAMP AND SPACER
02267	00	Europe	SENSORLESS CLOSED-LOOP ACTUATOR UNLATCH
02311	00	Europe	CIRCUIT AND METHOD FOR LOCATING DATA SECOTRS IN EMBEDDED SERVO HARD DISC DRIVES
02333	00	Europe	EFFICIENT HEAT SHRINK DISC CLAMP
02335	00	Europe	SINUSOOIDAL GROOVING PATTERN
02356	00	Europe	RATE N/(N+1) CODE FOR EMBEDDED SERVO ADDRESS ENCODING
02369	00	Europe	APPLYING A RAMPED VOLTAGE SOURCE ACROSS AN ACTUATOR COIL TO RETRACT A DISC DRIVE ACTUATOR
02378	00	Europe	LUBRICANTS FOR MINATURE BEARINGS
04042	00	Europe	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04054	00	Europe	DISK DRIVE ARCHITECTURE
04056	00	Europe	LATCH MECHANISM FOR DISK DRIVES
04060	10	Europe	LOW HEIGHT DISK DRIVE
04060	00	Europe	LOW HEIGHT DISK DRIVE
04061	00	Europe	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04061	10	Europe	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04064	00	Europe	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04065	00	Europe	VOICE COIL ACTIVATED DISK DRIVE PARKING DEVICE WITH MAGNETIC BIAS
04068	00	Europe	DISK DRIVE APPARATUS
04070	00	Europe	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04073	00	Europe	DISK CENTERING METHOD AND APPARATUS FOR CENTERING DISKS FOR DISK DRIVES
04075	00	Europe	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE

TRADEMARK
REEL: 002548 FRAME: 0204

04076	00	Europe	STABILIZED DISK DRIVE SPIN MOTOR
04077	00	Europe	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR
04079	00	Europe	MULTIPLE ACTUATOR DISK DRIVE
04081	00	Europe	UNDER-THE-HUB DISK DRIVE SPIN MOTOR
04083	00	Europe	DISK DRIVE APPARATUS
04099	00	Europe	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04102	00	Europe	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04110	00	Europe	LOW NOISE SPIN MOTOR FOR USE IN DISK DRIVE
04118	00	Europe	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04120	00	Europe	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04132	00	Europe	1.8" WINCHESTER DRIVE CARD
04133	00	Europe	SUBSTRATE TRANSPORT MECHANISM FOR USE IN HIGH THROUGHPUT SPUTTERING MACHINE
04134	00	Europe	THIN LINE MICRO HARD DISK ARCHITECTURE
04148	00	Europe	ACOUSTICALLY DAMPED DUAL COVER FOR A DISK DRIVE
04149	00	Europe	METHOD AND APPARATUS EMPLOYING SYSTEM FOR RECIRCULATING LIQUID IN A CONTROLLED ENVIRONMENT
04150	00	Europe	LUBRICATED DISK DRIVE
04151	00	Europe	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04152	00	Europe	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04154	00	Europe	METHOD OF ASSEMBLING A DISK DRIVE ACTUATOR
04155	00	Europe	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04158	00	Europe	HIGH WALL DISK CLAMP DESIGN

TRADEMARK
REEL: 002548 FRAME: 0205

04160	00	Europe	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04161	00	Europe	HIGH CAPACITY TWO AND ONE-HALF INCH DISK DRIVE
04165	00	Europe	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04167	00	Europe	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04168	00	Europe	A FLASH SOLID STATE DRIVE THAT EMULATES A DISK DRIVE AND STORES VARIABLE LENGTH AND FIXED LENGTH DATA BLOCKS (AS AMENDED)
04169	00	Europe	FAST PARALLEL PORT DATA TRANSFER WITH ERROR DETECTION
04170	00	Europe	FLASH SOLID STATE DRIVE
04172	00	Europe	HIGH TEMPERATURE HEAD SLIDER GEOMETRY CONTROL FOR CONTACT OR NEAR CONTACT RECORDING
04175	00	Europe	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04178	00	Europe	HEAD INCREMENTAL MODE FOR NEAR CONTACT AND CONTACT RECORDING
04179	00	Europe	BURNISHABLE HEAD AND MEDIA FOR NEAR CONTACT AND CONTACT RECORDING
04180	00	Europe	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
04181	00	Europe	CSI-COUPLED MODULE FOR MONITORING AND CONTROLLING SCSI-COUPLED RAID BANK AND BANK ENVIRONMENT
04181	10	Europe	CSI-COUPLED MODULE FOR MONITORING AND CONTROLLING SCSI-COUPLED RAID BANK AND BANK ENVIRONMENT
04183	00	Europe	DATA BUFFER MONITORING APPARATUS IN A DISK DRIVE SYSTEM
04188	00	Europe	APPARATUS AND METHOD FOR SPUTTERING CARBON

TRADEMARK
REEL: 002548 FRAME: 0206

04189	00	Europe	DYNAMIC BUFFER CHAMBER
04191	00	Europe	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04194	00	Europe	APPARATUS FOR COMPENSATING FOR NON-LINEAR CHARACTERISTICS OF MAGNETORESISTIVE HEADS
04195	00	Europe	DIGITAL DATA PHASE DETECTOR
04197	00	Europe	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04198	00	Europe	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04199	00	Europe	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04204	00	Europe	DISK DRIVE INCLUDING EMBEDDED VOICE COIL MAGNET PLATES
04205	00	Europe	DUAL MEMBER DISK CLAMP
04207	00	Europe	MULTI-LAYER MAGNETIC RECORDING MEDIA AND MAGNETORESISTIVE DRIVE SYSTEMS
04208	00	Europe	FM DETECTION OF SLIDER-DISK INTERFACE
04209	00	Europe	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04210	00	Europe	DUAL IDENTIFICATION FOR DATA FIELDS OF A DISK DRIVE
04214	00	Europe	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
04215	00	Europe	TRANSPORT SYSTEM FOR THIN FILM SPUTTERING SYSTEM
04221	01	Europe	ADAPTIVE CONTROL OF A WRITE INHIBIT SIGNAL IN A DISK DRIVE
04246	00	Europe	LASER TEXTURING OF MAGNETIC RECORDING MEDIA USING MULTIPLE LENSE FOCUSING
05005	00	Europe	OFFSET OPTICS FOR FOR USE WITH OPTICAL HEADS
05008	00	Europe	MAGNETO-OPTICAL STORAGE SYSTEM UTILIZING MSR MEDIA

05009	00	Europe	OPTICAL HEAD USING MICRO-MACHINED ELEMENTS
05010	00	Europe	IMPROVED MICRO-MACHINED MIRROR
05010	10	Europe	IMPROVED MICRO-MACHINED MIRROR
05013	00	Europe	DATA STORAGE SYSTEM HAVING AN OPTICAL PROCESSING FLYING HEAD
05028	00	Europe	HEAD-ARM SPEED DURING HEAD LOADING
05034	00	Europe	CONTROLLING A MEDIA MASTER WRITING MACHINE TO PRODUCE CURVILINEAR SERVO SECTOR PATTERNS
08000	00	Europe	PC/AT PROM W/ CONFIG. HD TABLE
08004	00	Europe	TUNGSTEN DIFFUSION BARRIER
08006	00	Europe	ANTI-GLITCH THIN FILM HEAD DESIGN
08012	00	Europe	SELF ALIGNED MAGNETIC POLES
08017	00	Europe	TFH IMAGE REVERSAL PHOTORESIST
08018	00	Europe	FLUX SHIELD AND CONCENTRATOR
08022	00	Europe	MOTOR BRAKE CIRCUIT
08042	00	Europe	ADAPTIVE VELOCITY LOOP GAIN COMP.
08042	10	Europe	ADAPTIVE VELOCITY LOOP GAIN COMP.
08047	00	Europe	DATA FILL FOR PARALLEL TRANSF DRIVE
08048	00	Europe	TWO TERMINAL HAMMERHEAD MR SENSOR
08051	00	Europe	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	10	Europe	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	20	Europe	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08057	00	Europe	DISK ARRAY ERROR DEFERRAL METHOD
08060	00	Europe	REDUCED TORQUE RIPPLE MOTOR
08061	00	Europe	LOAD BEAM WIRE ROUTE
08063	00	Europe	ACTUATOR COIL
08063	10	Europe	ACTUATOR COIL
08066	00	Europe	MULTI-FRAME INDEX
08067	00	Europe	SWAGE METHOD
08070	00	Europe	MEMORY METAL DATA ARM DEFLECTOR
08075	00	Europe	ADAPTIVE WINDOW CENTERING

TRADEMARK
REEL: 002548 FRAME: 0208

08081	00	Europe	AIR BEARING SLIDER DESIGN
08084	00	Europe	ADAPTIVE DISC DRIVE CACHE
08097	00	Europe	SLIDER WITH RELIEVE TRAILING EDGE
08104	00	Europe	IMPROVED TRANSDUCER SETTLE METHOD FOR A HARD DISC DRIVE
08138	00	Europe	HARD DISC DRIVE WITH IMPROVED SERVO SYSTEM
08155	00	Europe	MR CONTACT FOR INDUCTIVE PICKUP
08168	00	Europe	DISC FILE FLEXURE SUPPORT SERIES
08170	00	Europe	LOW VOLTAGE WRITE CIRCUIT
08184	00	Europe	MR HEAD USING MAGNET STABILIZER
08185	00	Europe	NONMAGNETIC SEED LAYER IN THIN FILM
08188	00	Europe	ETCHED MOUNT FOR DISC HEAD GIMBAL
08207	00	Europe	AMORPHOUS PERMALLOY FILMS AND METHOD OF PREPARING THE SAME
08213	00	Europe	REGULATED INVERTING POWER SUPPLY
08222	00	Europe	INVERTED MR HEAD
08225	00	Europe	SPIN TRANSDUCER
08239	00	Europe	SINGLE DOMAIN MR SENSORS
08241	00	Europe	METHOD FOR REDUCING LATENCY
08272	10	Europe	ESD GROUNDING DEVICE
08273	00	Europe	SLIDER FOR PROXIMITY RECORDING
08338	00	Europe	THIN FILM MR HEAD W/SMOOTH HEAD
00003	00	France	DIGITAL COMMUNICATIONS SYSTEM
00010	00	France	PHASE INVERTING DIRECT CURRENT AMP
00011	00	France	PULSE RESYNCHRONIZING SYSTEM
00012	00	France	HIGH SPEED SCANNER AND RESERVATION
00013	00	France	BORROW PYRAMID
00015	00	France	TRANSFORMER SWITCHING MATRIX
00016	00	France	HIGH SPEED MULTIPLICATION DEVICE
00033	00	France	DATA EXCHANGER
00035	00	France	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	France	MULTI-PROCESSOR USING TIME-SHARING
00037	00	France	HIGH SPEED DIVIDER
00039	00	France	PLUGGABLE MEMORY MODULE
00040	00	France	COOLING SYSTEM FOR DP EQUIPMENT

TRADEMARK
REEL: 002548 FRAME: 0209

00041	00	France	TWISTED PAIR TRANSMISSION SYSTEM
00042	00	France	COAXIAL CABLE TRANSMISSION SYSTEM
00049	00	France	FERROELECTRIC DATA STORAGE SYSTEM
00059	00	France	AUTO CARD READER - SEE US 3,512,139
00063	00	France	DATA TRANSMISSION APPARATUS
00093	00	France	DISK FILE AND ACTUATOR
00138	00	France	SYNCHRONIZED COMMUNICATIONS SYSTEM
00162	00	France	BINARY DIGITAL COMPUTER W/ MAG DRUM
00163	00	France	MECHANICAL CODING AND SORTING
00165	00	France	OPTICAL CARD TRANSLATOR
00166	00	France	HIGH SPEED OPTICAL IDENTIFICATION
00168	00	France	MAGNETIC RECORDING ON MAIL
00169	00	France	SINGLE LETTER FEEDING DEVICE
00174	00	France	FLUID PRESSURE DIGITAL COMPUTER
00176	00	France	COMPATIBLE AIRBORNE NAVIGATION
00179	00	France	LOW LOSS MICROWAVE TRANSMISSION
00205	00	France	MULTI-LAYER PRINTED CIRCUIT BOARD
00208	00	France	SYNCHRONIZED COMMUNICATION SYSTEM
00210	00	France	PRINT HAMMER RAPID RESET
00212	00	France	HOLDING CORES FOR STRINGING
00221	00	France	GAS DISCHARGE DISPLAY
00245	00	France	SYNC COM & NAV-SEE DKT 207
00314	00	France	PRODUCING RANDOM NUMBERS
00403	00	France	MAGNETIC RECORD MEMBERS
00404	00	France	MAGNETIC RECORD MEMBERS
00413	00	France	MAGNETIC OXIDE COATING
00414	00	France	PLATING BATH & MAG. FILM DEPOSIT.
00417	00	France	MINIATURE MAGNETIC HEAD
00418	00	France	MULTIPLE MAGNETIC HEAD
00419	00	France	MAGNETIC DISK MEMORY ASSEMBLY
00420	00	France	TRANSDUCING HEAD ASSEMBLY
00421	00	France	INTERCHANGEABLE DISK ASSEMBLY
00422	00	France	MAGNETIC TRANSDUCER HEAD ASSEMBLY
00423	00	France	MAGNETIC DISK CALIBRATION TRACK

TRADEMARK
REEL: 002548 FRAME: 0210

00424	00	France	DISK RANDOM ACCESS MEMORY SYSTEM
00425	00	France	ELECTROLESS DEPOSIT. MAG. FILM
00426	00	France	HIGH RECORDING DENSITY MAG. MEDIA
00429	00	France	MULTIPLE HEAD UNIT
00517	00	France	THROAT HEIGHT REF. FOR MONO. FER. H
00558	00	France	CUTTING NARROW TRACK FERRITE HEADS
00558	10	France	CUTTING NARROW TRACK FERRITE HEADS
00573	00	France	DISK MEMORY MODULE
00577	00	France	SEEK CONTROL LOWERS LARGE SEEK GAIN
00596	00	France	MAGNETIC HEADS
00688	00	France	QUICK DISCONNECT PACK
00689	00	France	DIGITAL SPEED CONTROL
00717	00	France	CARTRIDGE LOAD MECHANISM
00727	00	France	WORKPIECE CARRIER
00740	00	France	SELF-LOADING MAGNETIC HEAD SLIDER
00741	00	France	LIFT OFF FEATURE DEFINITION
00742	00	France	SIGNAL RECOVERY CIRCUIT
00746	00	France	PNEUMATIC CARTRIDGE SEAL
00763	00	France	CALIBRATING MACHINE SENSOR
00765	00	France	FLUID FILTER CARTRIDGE
00768	00	France	VIBRATION DAMPER
00772	00	France	HAMMERHEAD MR SENSOR
00817	00	France	THIN FILM HEAD FOR RECORDING
00818	00	France	HIGH SPEED COATING PROCESS
00819	00	France	FABRICATING NPAB SLIDERS
00819	20	France	FABRICATING NPAB SLIDERS
00848	00	France	SEE DKT 818, DISK STRIPPING PROCESS
00853	00	France	HUMIDITY CONTROL (CAPILLARY TUBE)
00885	00	France	ADJUSTABLE, DEGAUSSER
00905	00	France	PARITY DRIVE FOR DISK ARRAY
00907	00	France	MAGNETORESISTIVE SENSOR
00913	00	France	FUNCTIONALIZED LUBE FOR DISK
00927	00	France	SIDE VENTED, NPAB SLIDER
00970	00	France	VELOCITY FROM TRI-PHASE SERVO
00970	10	France	VELOCITY FROM TRI-PHASE SERVO
00975	00	France	ZONE BIT RECORDING, VERS. I

TRADEMARK
REEL: 002548 FRAME: 0211

00977	00	France	LOW DIFFUS. DISK DR. BREATHER VENT
00987	00	France	NEGATIVE PRESSURE AIR BEARING
00992	00	France	ON THE FLY ERROR CORRECTION
01020	00	France	FLUORINATING CARBON OVERCOAT MEDIA
01030	00	France	DOUBLE FIFTY CONNECTOR
01077	00	France	BOTTLE NECK MR ELEMENT
01085	00	France	HOUR-GLASS DISK HEAD SLIDER
01087	00	France	GROUNDING POLE STRUCTURE
01097	00	France	COFEB THIN FILM HEAD CORE
01111	00	France	ELECTRONIC FLYING INTEGRITY TESTER
01117	00	France	DISK DRIVE ROTARY ACTUATOR
01124	00	France	METASTABLE PREVENT CIRCUIT
01150	00	France	METHOD FOR MFG. M.I.G. FLUX GAP
01164	00	France	LASER PRODUCED TEXTURE
01169	00	France	ACTUATOR MOUNT FOR DISKDRIVES
01170	00	France	GANGED DATA ARM THERMAL ALIGNMENT
01171	00	France	POLE DESIGN FOR THIN FILM HEADS
01172	00	France	MR HEAD SETTING PROCEDURE
01175	00	France	TRI-LEVEL PULSE DETECTION
01176	00	France	LOW NOISE MAGNETIC MEDIA
02000	00	France	EVALUATING RECORDING SYSTEMS
02002	00	France	CRASH STOP AND TRACK 0 SENSOR
02003	00	France	DISC DRIVE CARTRIDGE LOADER
02004	00	France	DISK DRIVE TEMP. COMPENSATION
02005	00	France	DISC DRIVE LINEAR ACTUATOR
02006	00	France	HELICAL BAND DRIVE
02006	10	France	HELICAL BAND DRIVE
02018	00	France	THERMAL OFFSET COMPENSATION
02019	00	France	BACK-EMF-STEPPER MOTOR HEAD PARKING
02023	00	France	NONDESTRUCTIVE DISC MAGN. TEST
02027	00	France	BIPOLAR MOTOR CONTROL
02028	00	France	ENCAPSULATED STEPPER MOTOR
02031	00	France	IMPROVED SPINDLE MOTOR FOR DISK
02032	00	France	PERPENDICULAR RECORDING HEAD
02035	00	France	WEAR COMPENSATION FOR PIVOTED ARM
02040	00	France	INFORMATION STORAGE DISC
02042	00	France	RESISTANCE COMPENSATION IN A MOTOR

TRADEMARK
REEL: 002548 FRAME: 0212

02044	00	France	SWITCHED POWER SUPPLY
02063	00	France	ACTUATOR ARM FOR A DISC DRIVE
02074	00	France	FIXED DISC ASSEMBLY & CLEAN AIR SYS
02075	00	France	HARD DISC AND R/W HEAD ACTUATOR
02076	00	France	DISC DRIVE ASSEMBLY
02098	00	France	TUNED RING OSCILLATOR
02105	00	France	DEFECT MANAGEMENT SCHEME
02107	00	France	SPINDLE MOTOR ASSEMBLY FOR DISC DRIVES
02115	00	France	INDIRECT MOTOR POSITION DETECTION
02129	00	France	DUAL PIVOT DISC DRIVE
02135	00	France	TIME DIFF. ROTOR POSITION DETECT
02172	00	France	A SEMICONDUCTOR DEVICE FABRICATION
02221	00	France	UNIPOLAR MR PREAMPLIFIER
02234	00	France	FLYING LEAD OVER MOLD COIL
02239	00	France	FLEXIBLE MOUNT W/ ZERO POSITIONING
02377	00	France	PRIVATE PIN NUMBER
04042	00	France	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04054	00	France	DISK DRIVE ARCHITECTURE
04056	00	France	LATCH MECHANISM FOR DISK DRIVES
04060	00	France	LOW HEIGHT DISK DRIVE
04061	00	France	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04064	00	France	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04065	00	France	VOICE COIL ACTIVATED DISK DRIVE PARKING DEVICE WITH MAGNETIC BIAS
04068	00	France	DISK DRIVE APPARATUS
04070	00	France	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04075	00	France	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04076	00	France	STABILIZED DISK DRIVE SPIN MOTOR
04077	00	France	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR

TRADEMARK
REEL: 002548 FRAME: 0213

04078	00	France	DISK DRIVE SYSTEM EMPLOYING ADAPTIVE READ/WRITE CHANNEL CONTROLS AND METHOD OF USING SAME
04079	00	France	MULTIPLE ACTUATOR DISK DRIVE
04080	00	France	MULTIPLE ACTUATOR DISK DRIVE
04081	00	France	UNDER-THE-HUB DISK DRIVE SPIN MOTOR
04083	00	France	DISK DRIVE APPARATUS
04099	00	France	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04102	00	France	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04110	00	France	LOW NOISE SPIN MOTOR FOR USE IN DISK DRIVE
04113	00	France	DISK DRIVE DATA PATH INTEGRITY CONTROL ARCHITECTURE
04118	00	France	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04119	00	France	HIGH PERFORMANCE DISK DRIVE ARCHITECTURE
04120	00	France	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04132	00	France	1.8" WINCHESTER DRIVE CARD
04134	00	France	THIN LINE MICRO HARD DISK ARCHITECTURE
04151	00	France	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04152	00	France	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04155	00	France	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	France	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	France	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	France	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE

TRADEMARK
REEL: 002548 FRAME: 0214

04165	00	France	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	France	DATA TRANSFER SYSTEM
04167	00	France	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	France	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	France	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	France	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
08000	00	France	PC/AT PROM W/ CONFIG. HD TABLE
08004	00	France	TUNGSTEN DIFFUSION BARRIER
08017	00	France	TFH IMAGE REVERSAL PHOTORESIST
08047	00	France	DATA FILL FOR PARALLEL TRANSF DRIVE
08048	00	France	TWO TERMINAL HAMMERHEAD MR SENSOR
08057	00	France	DISK ARRAY ERROR DEFERRAL METHOD
08060	00	France	REDUCED TORQUE RIPPLE MOTOR
08061	00	France	LOAD BEAM WIRE ROUTE
08063	00	France	ACTUATOR COIL
08066	00	France	MULTI-FRAME INDEX
08067	00	France	SWAGE METHOD
08070	00	France	MEMORY METAL DATA ARM DEFLECTOR
08097	00	France	SLIDER WITH RELIEVE TRAILING EDGE
08168	00	France	DISC FILE FLEXURE SUPPORT SERIES
08185	00	France	NONMAGNETIC SEED LAYER IN THIN FILM
00015	00	Germany	TRANSFORMER SWITCHING MATRIX
00033	00	Germany	DATA EXCHANGER
00035	00	Germany	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	Germany	MULTI-PROCESSOR USING TIME-SHARING
00037	00	Germany	HIGH SPEED DIVIDER

TRADEMARK
REEL: 002548 FRAME: 0215

00042	00	Germany	COAXIAL CABLE TRANSMISSION SYSTEM
00138	00	Germany	SYNCHRONIZED COMMUNICATIONS SYSTEM
00139	00	Germany	LASER DEVICE
00163	00	Germany	MECHANICAL CODING AND SORTING
00166	00	Germany	HIGH SPEED OPTICAL IDENTIFICATION
00174	00	Germany	FLUID PRESSURE DIGITAL COMPUTER
00205	00	Germany	MULTI-LAYER PRINTED CIRCUIT BOARD
00285	00	Germany	PROGRAM DEVICE
00287	00	Germany	DISK MEMORY
00403	00	Germany	MAGNETIC RECORD MEMBERS
00404	00	Germany	MAGNETIC RECORD MEMBERS
00413	00	Germany	MAGNETIC OXIDE COATING
00417	00	Germany	MINIATURE MAGNETIC HEAD
00421	00	Germany	INTERCHANGEABLE DISK ASSEMBLY
00423	00	Germany	MAGNETIC DISK CALIBRATION TRACK
00517	00	Germany	THROAT HEIGHT REF. FOR MONO. FER. H
00558	00	Germany	CUTTING NARROW TRACK FERRITE HEADS
00558	10	Germany	CUTTING NARROW TRACK FERRITE HEADS
00573	00	Germany	DISK MEMORY MODULE
00577	00	Germany	SEEK CONTROL LOWERS LARGE SEEK GAIN
00596	00	Germany	MAGNETIC HEADS
00688	00	Germany	QUICK DISCONNECT PACK
00689	00	Germany	DIGITAL SPEED CONTROL
00717	00	Germany	CARTRIDGE LOAD MECHANISM
00727	00	Germany	WORKPIECE CARRIER
00734	00	Germany	MACHINING SENSOR (CL.1 DISCLAIMED)
00740	00	Germany	SELF-LOADING MAGNETIC HEAD SLIDER
00741	00	Germany	LIFT OFF FEATURE DEFINITION
00742	00	Germany	SIGNAL RECOVERY CIRCUIT
00746	00	Germany	PNEUMATIC CARTRIDGE SEAL
00763	00	Germany	CALIBRATING MACHINE SENSOR
00765	00	Germany	FLUID FILTER CARTRIDGE
00768	00	Germany	VIBRATION DAMPER
00772	00	Germany	HAMMERHEAD MR SENSOR
00817	00	Germany	THIN FILM HEAD FOR RECORDING

TRADEMARK
REEL: 002548 FRAME: 0216

00818	00	Germany	HIGH SPEED COATING PROCESS
00819	00	Germany	FABRICATING NPAB SLIDERS
00819	20	Germany	FABRICATING NPAB SLIDERS
00848	00	Germany	SEE DKT 818, DISK STRIPPING PROCESS
00885	00	Germany	ADJUSTABLE, DEGAUSSER
00905	00	Germany	PARITY DRIVE FOR DISK ARRAY
00910	00	Germany	PERPENDICULAR DIGITAL RECORDING
00913	00	Germany	FUNCTIONALIZED LUBE FOR DISK
00917	00	Germany	SPINDLE MOTOR QUIET CENTRIFUGAL FAN
00970	00	Germany	VELOCITY FROM TRI-PHASE SERVO
00970	10	Germany	VELOCITY FROM TRI-PHASE SERVO
00977	00	Germany	LOW DIFFUS. DISK DR. BREATHER VENT
00992	00	Germany	ON THE FLY ERROR CORRECTION
01030	00	Germany	DOUBLE FIFTY CONNECTOR
01046	00	Germany	ADAPTIVE PREWRITE COMPENSATION
01047	00	Germany	ADAPTIVE VELOCITY PROFILE
01094	00	Germany	DISK SPACER RING HAVING AIR PUMPS
01111	00	Germany	ELECTRONIC FLYING INTEGRITY TESTER
01117	00	Germany	DISK DRIVE ROTARY ACTUATOR
01124	00	Germany	METASTABLE PREVENT CIRCUIT
01125	00	Germany	SERVO ADDRESS SYSTEM
01127	00	Germany	ADAPTIVE VELOCITY DD HEAD
01164	00	Germany	LASER PRODUCED TEXTURE
01169	00	Germany	ACTUATOR MOUNT FOR DISKDRIVES
01170	00	Germany	GANGED DATA ARM THERMAL ALIGNMENT
01175	00	Germany	TRI-LEVEL PULSE DETECTION
02000	00	Germany	EVALUATING RECORDING SYSTEMS
02002	00	Germany	CRASH STOP AND TRACK 0 SENSOR
02003	00	Germany	DISC DRIVE CARTRIDGE LOADER
02004	00	Germany	DISK DRIVE TEMP. COMPENSATION
02005	00	Germany	DISC DRIVE LINEAR ACTUATOR
02006	00	Germany	HELICAL BAND DRIVE
02006	10	Germany	HELICAL BAND DRIVE
02012	00	Germany	BI COMPLIANT ROTOR STEPPER MOTOR
02018	00	Germany	THERMAL OFFSET COMPENSATION
02018	10	Germany	THERMAL OFFSET COMPENSATION
02019	00	Germany	BACK-EMF-STEPPER MOTOR HEAD PARKING
02023	00	Germany	NONDESTRUCTIVE DISC MAGN. TEST

TRADEMARK
REEL: 002548 FRAME: 0217

02027	00	Germany	BIPOLAR MOTOR CONTROL
02028	00	Germany	ENCAPSULATED STEPPER MOTOR
02035	00	Germany	WEAR COMPENSATION FOR PIVOTED ARM
02040	00	Germany	INFORMATION STORAGE DISC
02044	10	Germany	SWITCHED POWER SUPPLY
02063	00	Germany	ACTUATOR ARM FOR A DISC DRIVE
02063	10	Germany	ACTUATOR ARM FOR A DISC DRIVE
02074	00	Germany	FIXED DISC ASSEMBLY & CLEAN AIR SYS
02075	00	Germany	HARD DISC AND R/W HEAD ACTUATOR
02076	00	Germany	DISC DRIVE ASSEMBLY
02097	00	Germany	SINGLE CHIP SCSI DISC CONTROLLER
02098	00	Germany	TUNED RING OSCILLATOR
02105	00	Germany	DEFECT MANAGEMENT SCHEME
02129	00	Germany	DUAL PIVOT DISC DRIVE
02138	00	Germany	DISC DRIVE GASKET AND MATERIAL
02172	00	Germany	A SEMICONDUCTOR DEVICE FABRICATION
02311	00	Germany	CIRCUIT AND METHOD FOR LOCATING DATA SECOTRS IN EMBEDDED SERVO HARD DISC DRIVES
02355	00	Germany	TRELLIS CODE FOR PR4 CHANNELS
02370	00	Germany	MR PREAMPLIFIER
02384	00	Germany	DISC DRIVE SYSTEM USING MULTIPLE PAIRS OF EMBEDDED SERVO BURSTS
02507	00	Germany	MR HEAD WITH MRE/SPACER/SAL LAYERS
04042	00	Germany	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04054	00	Germany	DISK DRIVE ARCHITECTURE
04056	00	Germany	LATCH MECHANISM FOR DISK DRIVES
04060	00	Germany	LOW HEIGHT DISK DRIVE
04061	00	Germany	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04064	00	Germany	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04065	00	Germany	VOICE COIL ACTIVATED DISK DRIVE PARKING DEVICE WITH MAGNETIC BIAS
04068	00	Germany	DISK DRIVE APPARATUS

TRADEMARK
REEL: 002548 FRAME: 0218

04070	00	Germany	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04076	00	Germany	STABILIZED DISK DRIVE SPIN MOTOR
04077	00	Germany	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR
04078	00	Germany	DISK DRIVE SYSTEM EMPLOYING ADAPTIVE READ/WRITE CHANNEL CONTROLS AND METHOD OF USING SAME
04079	00	Germany	MULTIPLE ACTUATOR DISK DRIVE
04080	00	Germany	MULTIPLE ACTUATOR DISK DRIVE
04083	00	Germany	DISK DRIVE APPARATUS
04099	00	Germany	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04102	00	Germany	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04113	00	Germany	DISK DRIVE DATA PATH INTEGRITY CONTROL ARCHITECTURE
04118	00	Germany	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04119	00	Germany	HIGH PERFORMANCE DISK DRIVE ARCHITECTURE
04120	00	Germany	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04134	00	Germany	THIN LINE MICRO HARD DISK ARCHITECTURE
04151	00	Germany	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04152	00	Germany	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04160	00	Germany	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Germany	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Germany	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE

TRADEMARK
REEL: 002548 FRAME: 0219

04165	00	Germany	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Germany	DATA TRANSFER SYSTEM
04167	00	Germany	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Germany	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Germany	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04177	00	Germany	METHOD AND APPARATUS FOR CONTROLLING SPINDLE SPEED TO COMPENSATE FOR DRAG IN A DISK DRIVE SYSTEM
04197	00	Germany	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04199	00	Germany	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04209	00	Germany	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04221	01	Germany	ADAPTIVE CONTROL OF A WRITE INHIBIT SIGNAL IN A DISK DRIVE
05111	00	Germany	MAGNETIC RECORDING HEAD INCLUDING BACKGROUND MAGNETIC FIELD GENERATOR
08000	00	Germany	PC/AT PROM W/ CONFIG. HD TABLE
08010	00	Germany	OSCILLATING DEGASSER FOR ELEC. PLAT
08022	00	Germany	MOTOR BRAKE CIRCUIT
08041	10	Germany	DIFFERENTIAL SLIMMER
08042	00	Germany	ADAPTIVE VELOCITY LOOP GAIN COMP.
08042	10	Germany	ADAPTIVE VELOCITY LOOP GAIN COMP.
08047	00	Germany	DATA FILL FOR PARALLEL TRANSF DRIVE
08051	00	Germany	SECTORED SERVO POSITION DEMODULATOR SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0220

08051	10	Germany	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	20	Germany	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08060	00	Germany	REDUCED TORQUE RIPPLE MOTOR
08063	10	Germany	ACTUATOR COIL
08063	00	Germany	ACTUATOR COIL
08066	00	Germany	MULTI-FRAME INDEX
08075	00	Germany	ADAPTIVE WINDOW CENTERING
08138	00	Germany	HARD DISC DRIVE WITH IMPROVED SERVO SYSTEM
08144	00	Germany	ACTUATOR BEARING TOLERANCE RING
08241	00	Germany	METHOD FOR REDUCING LATENCY
08294	00	Germany	MR READ ELEMENT BIAS CURRENT
08427	00	Germany	FREQUENCY MODULATION CIRCUIT
08473	00	Germany	DUAL LAYER MAGNETIC EXCHANGE STABILIZATION FOR MR HEADS
08529	00	Germany	DISC DRIVE WITH ROBUST TRACK FOLLOWING SERVO CONTROLLER
08561	00	Germany	FILTER CAL. AND HEAD STABILITY DET.
08568	00	Germany	READER FOR A LOW-FLYING MAGNETORESISTIVE SENSOR
08589	00	Germany	REPEATED SERVO RUNOUT ERROR COMPENSATION IN A DISC DRIVE
08590	00	Germany	ROTARY DISC DRIVE ACTUATOR UTILIZING PLURAL AXIALLY SPACED AND PARTIALLY OVERLAPPED VOICE COILS
08897	00	Germany	CONCENTRIC SPACING OF VIRTUAL DATA TRACKS USING RUN-OUT COMPENSATION
09091	00	Germany	ACTUATOR LATCH FOR DISC DRIVE
04068	00	Greece	DISK DRIVE APPARATUS
04070	00	Greece	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Greece	DISK DRIVE APPARATUS
04102	00	Greece	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Greece	MAGNETIC PARKING DEVICE FOR DISK DRIVE

TRADEMARK
REEL: 002548 FRAME: 0221

04160	00	Greece	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Greece	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Greece	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Greece	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Greece	DATA TRANSFER SYSTEM
04167	00	Greece	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Greece	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Greece	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
00976	00	Hong Kong	HEAD/DISK TEST
01008	00	Hong Kong	CONTROL YIELD DISTRIUTION
01046	00	Hong Kong	ADAPTIVE PREWRITE COMPENSATION
01117	00	Hong Kong	DISK DRIVE ROTARY ACTUATOR
01125	00	Hong Kong	SERVO ADDRESS SYSTEM
01126	00	Hong Kong	OFFSET NULLING SYSTEM
01131	00	Hong Kong	MOTOR CONTROL SYSTEM
01135	00	Hong Kong	FLEXIBLE MOUNT PCB
01150	10	Hong Kong	METHOD FOR MFG. M.I.G. FLUX GAP
01175	10	Hong Kong	TRI-LEVEL PULSE DETECTION
01175	00	Hong Kong	TRI-LEVEL PULSE DETECTION
02004	00	Hong Kong	DISK DRIVE TEMP. COMPENSATION
02005	00	Hong Kong	DISC DRIVE LINEAR ACTUATOR
02006	00	Hong Kong	HELICAL BAND DRIVE
02006	10	Hong Kong	HELICAL BAND DRIVE
02012	00	Hong Kong	BI COMPLIANT ROTOR STEPPER MOTOR
02018	00	Hong Kong	THERMAL OFFSET COMPENSATION
02018	10	Hong Kong	THERMAL OFFSET COMPENSATION
02019	00	Hong Kong	BACK-EMF-STEPPER MOTOR HEAD PARKING
02023	00	Hong Kong	NONDESTRUCTIVE DISC MAGN. TEST
02027	00	Hong Kong	BIPOLAR MOTOR CONTROL
02028	00	Hong Kong	ENCAPSULATED STEPPER MOTOR

TRADEMARK
REEL: 002548 FRAME: 0222

02035	00	Hong Kong	WEAR COMPENSATION FOR PIVOTED ARM
02040	00	Hong Kong	INFORMATION STORAGE DISC
02042	00	Hong Kong	RESISTANCE COMPENSATION IN A MOTOR
02047	00	Hong Kong	CRASH STOP & MAGNETIC LATCH
02048	00	Hong Kong	HEAD ARM FLEXURE FOR DISC DRIVE
02052	00	Hong Kong	PIVOT MECHANISM FOR ROTARY DISC DRIVE
02053	00	Hong Kong	BACKBONE GASKET FOR DISC DRIVES
02054	00	Hong Kong	FLEXURE MOUNT FOR DISC DRIVES
02063	00	Hong Kong	ACTUATOR ARM FOR A DISC DRIVE
02097	00	Hong Kong	SINGLE CHIP SCSI DISC CONTROLLER
02098	00	Hong Kong	TUNED RING OSCILLATOR
02105	00	Hong Kong	DEFECT MANAGEMENT SCHEME
02137	01	Hong Kong	MINITURE HARD DISK DRIVE SYSTEM
02138	00	Hong Kong	DISC DRIVE GASKET AND MATERIAL
02191	00	Hong Kong	SHOCK DETECTOR
02229	00	Hong Kong	LOW PROFILE DISC CLAMP
02247	00	Hong Kong	ROTATION AIR VANE INERTIA LATCH
02252	00	Hong Kong	DISC CLAMP AND SPACER
02267	00	Hong Kong	SENSORLESS CLOSED-LOOP ACTUATOR UNLATCH
02311	00	Hong Kong	CIRCUIT AND METHOD FOR LOCATING DATA SECOTRS IN EMBEDDED SERVO HARD DISC DRIVES
02333	00	Hong Kong	EFFICIENT HEAT SHRINK DISC CLAMP
02349	00	Hong Kong	SPINDLE MOTOR BEMF
02350	00	Hong Kong	SEQUENTIAL NUMERICAL INFORMATION ENCODER AND DECODER
02355	00	Hong Kong	TRELLIS CODE FOR PR4 CHANNELS
02356	00	Hong Kong	RATE N/(N+1) CODE FOR EMBEDDED SERVO ADDRESS ENCODING
02369	00	Hong Kong	APPLYING A RAMPED VOLTAGE SOURCE ACROSS AN ACTUATOR COIL TO RETRACT A DISC DRIVE ACTUATOR
02378	00	Hong Kong	LUBRICANTS FOR MINATURE BEARINGS
02382	00	Hong Kong	RECURSIVE 12:15 ENCODER/DECODER
02447	00	Hong Kong	DATA RETRIEVAL CHANNEL CHARACTERISTICS CONTROL
02448	00	Hong Kong	ANALOG PHASE DETECTOR

TRADEMARK
REEL: 002548 FRAME: 0223

02449	00	Hong Kong	ASYMMETRIC CHANNEL DATA DETECTION COMPENSATION
02476	00	Hong Kong	CONICAL HYDRODYNAMIC BEARING
02515	00	Hong Kong	MACHINING PROCESS FOR HYDRODYNAMIC BEARING
04061	10	Hong Kong	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04068	00	Hong Kong	DISK DRIVE APPARATUS
04070	00	Hong Kong	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04075	00	Hong Kong	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04120	00	Hong Kong	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04132	00	Hong Kong	1.8" WINCHESTER DRIVE CARD
04151	00	Hong Kong	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04154	00	Hong Kong	METHOD OF ASSEMBLING A DISK DRIVE ACTUATOR
04155	00	Hong Kong	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04156	00	Hong Kong	WIRE CARRIER FOR DISK DRIVE
04158	00	Hong Kong	HIGH WALL DISK CLAMP DESIGN
04160	00	Hong Kong	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Hong Kong	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Hong Kong	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Hong Kong	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Hong Kong	DATA TRANSFER SYSTEM
04167	00	Hong Kong	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Hong Kong	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES

TRADEMARK
REEL: 002548 FRAME: 0224

04176	00	Hong Kong	STACKABLE ACTUATOR ASSEMBLY
04177	00	Hong Kong	METHOD AND APPARATUS FOR CONTROLLING SPINDLE SPEED TO COMPENSATE FOR DRAG IN A DISK DRIVE SYSTEM
04180	00	Hong Kong	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
04181	00	Hong Kong	CSI-COUPLED MODULE FOR MONITORING AND CONTROLLING SCSI-COUPLED RAID BANK AND BANK ENVIRONMENT
04185	00	Hong Kong	DISK DRIVE INCLUDING MULTI-STATE ENVIRONMENTAL DIFFUSION BUFFER
04191	00	Hong Kong	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04197	00	Hong Kong	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04198	00	Hong Kong	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04199	00	Hong Kong	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04204	00	Hong Kong	DISK DRIVE INCLUDING EMBEDDED VOICE COIL MAGNET PLATES
04205	00	Hong Kong	DUAL MEMBER DISK CLAMP
04206	00	Hong Kong	DISK DRIVE STICTION RELEASE SYSTEM
04208	00	Hong Kong	FM DETECTION OF SLIDER-DISK INTERFACE
04209	00	Hong Kong	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04210	00	Hong Kong	DUAL IDENTIFICATION FOR DATA FIELDS OF A DISK DRIVE
04211	00	Hong Kong	SYSTEM AND METHOD FOR RECONSTRUCTING A SIGNAL WAVE IN A PARTIAL RESPONSE READ CHANNEL

TRADEMARK
REEL: 002548 FRAME: 0225

04214	00	Hong Kong	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
05012	00	Hong Kong	MAGNETO-OPTICAL COMPUTER MEMORY
08000	00	Hong Kong	PC/AT PROM W/ CONFIG. HD TABLE
08022	00	Hong Kong	MOTOR BRAKE CIRCUIT
08042	10	Hong Kong	ADAPTIVE VELOCITY LOOP GAIN COMP.
08051	00	Hong Kong	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	20	Hong Kong	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08063	10	Hong Kong	ACTUATOR COIL
08067	00	Hong Kong	SWAGE METHOD
08075	00	Hong Kong	ADAPTIVE WINDOW CENTERING
08084	00	Hong Kong	ADAPTIVE DISC DRIVE CACHE
08104	00	Hong Kong	IMPROVED TRANSDUCER SETTLE METHOD FOR A HARD DISC DRIVE
08165	10	Hong Kong	MAGNETIC RECORDING CHANNEL
08213	00	Hong Kong	REGULATED INVERTING POWER SUPPLY
08241	00	Hong Kong	METHOD FOR REDUCING LATENCY
08241	10	Hong Kong	METHOD FOR REDUCING LATENCY
08264	00	Hong Kong	BRANCH METRIC COMPENSATION FOR DIGITAL SEQUENCE DETECTION
08272	10	Hong Kong	ESD GROUNDING DEVICE
08273	00	Hong Kong	SLIDER FOR PROXIMITY RECORDING
08296	00	Hong Kong	METHOD OF DETECTING AND ISOLATING DEFECTIVE SERVO BURSTS
08338	00	Hong Kong	THIN FILM MR HEAD W/SMOOTH HEAD
08347	00	Hong Kong	DISC DRIVE SERVO SYSTEM WITH DUAL HEAD SAMPLING
08347	01	Hong Kong	DISC DRIVE SERVO SYSTEM WITH DUAL HEAD SAMPLING
08364	00	Hong Kong	RUN LENGTH LIMITED CODES
08427	00	Hong Kong	FREQUENCY MODULATION CIRCUIT
08446	00	Hong Kong	MICROACTUATOR SERVO SYSTEM IN A DISC DRIVE
08455	00	Hong Kong	FLEXURE MICROACTUATOR
08542	00	Hong Kong	IMPLEMENT. OBJ. ORIENT. ARCH. DISC
08645	00	Hong Kong	DED. FRAME BUFFER FOR RCV FC FRAMES
02377	00	India	PRIVATE PIN NUMBER

TRADEMARK
REEL: 002548 FRAME: 0226

04068	00	Ireland, Republic of	DISK DRIVE APPARATUS
04155	00	Ireland, Republic of	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Ireland, Republic of	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Ireland, Republic of	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Ireland, Republic of	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Ireland, Republic of	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Ireland, Republic of	DATA TRANSFER SYSTEM
04167	00	Ireland, Republic of	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Ireland, Republic of	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Ireland, Republic of	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Ireland, Republic of	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
08067	00	Ireland, Republic of	SWAGE METHOD
04054	00	Israel	DISK DRIVE ARCHITECTURE
04056	00	Israel	LATCH MECHANISM FOR DISK DRIVES
00035	00	Italy	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	Italy	MULTI-PROCESSOR USING TIME-SHARING
00037	00	Italy	HIGH SPEED DIVIDER
00163	00	Italy	MECHANICAL CODING AND SORTING
00166	00	Italy	HIGH SPEED OPTICAL IDENTIFICATION
00176	00	Italy	COMPATIBLE AIRBORNE NAVIGATION
00179	00	Italy	LOW LOSS MICROWAVE TRANSMISSION
00403	00	Italy	MAGNETIC RECORD MEMBERS

00413	00	Italy	MAGNETIC OXIDE COATING
00414	00	Italy	PLATING BATH & MAG. FILM DEPOSIT.
00420	00	Italy	TRANSDUCING HEAD ASSEMBLY
00421	00	Italy	INTERCHANGEABLE DISK ASSEMBLY
00423	00	Italy	MAGNETIC DISK CALIBRATION TRACK
00424	00	Italy	DISK RANDOM ACCESS MEMORY SYSTEM
00425	00	Italy	ELECTROLESS DEPOSIT. MAG. FILM
00426	00	Italy	HIGH RECORDING DENSITY MAG. MEDIA
00429	00	Italy	MULTIPLE HEAD UNIT
00987	00	Italy	NEGATIVE PRESSURE AIR BEARING
01085	00	Italy	HOUR-GLASS DISK HEAD SLIDER
01087	00	Italy	GROUNDING POLE STRUCTURE
01097	00	Italy	COFEB THIN FILM HEAD CORE
01111	00	Italy	ELECTRONIC FLYING INTEGRITY TESTER
01124	00	Italy	METASTABLE PREVENT CIRCUIT
01150	00	Italy	METHOD FOR MFG. M.I.G. FLUX GAP
01164	00	Italy	LASER PRODUCED TEXTURE
01169	00	Italy	ACTUATOR MOUNT FOR DISKDRIVES
01170	00	Italy	GANGED DATA ARM THERMAL ALIGNMENT
01171	00	Italy	POLE DESIGN FOR THIN FILM HEADS
01172	00	Italy	MR HEAD SETTING PROCEDURE
01175	00	Italy	TRI-LEVEL PULSE DETECTION
01176	00	Italy	LOW NOISE MAGNETIC MEDIA
02000	00	Italy	EVALUATING RECORDING SYSTEMS
02002	00	Italy	CRASH STOP AND TRACK 0 SENSOR
02003	00	Italy	DISC DRIVE CARTRIDGE LOADER
02004	00	Italy	DISK DRIVE TEMP. COMPENSATION
02005	00	Italy	DISC DRIVE LINEAR ACTUATOR
02006	00	Italy	HELICAL BAND DRIVE
02006	10	Italy	HELICAL BAND DRIVE
02018	00	Italy	THERMAL OFFSET COMPENSATION
02019	00	Italy	BACK-EMF-STEPPER MOTOR HEAD PARKING
02023	00	Italy	NONDESTRUCTIVE DISC MAGN. TEST
02027	00	Italy	BIPOLAR MOTOR CONTROL
02028	00	Italy	ENCAPSULATED STEPPER MOTOR
02031	00	Italy	IMPROVED SPINDLE MOTOR FOR DISK
02032	00	Italy	PERPENDICULAR RECORDING HEAD
02035	00	Italy	WEAR COMPENSATION FOR PIVOTED ARM

TRADEMARK
REEL: 002548 FRAME: 0228

02040	00	Italy	INFORMATION STORAGE DISC
02042	00	Italy	RESISTANCE COMPENSATION IN A MOTOR
02044	00	Italy	SWITCHED POWER SUPPLY
02063	00	Italy	ACTUATOR ARM FOR A DISC DRIVE
02074	00	Italy	FIXED DISC ASSEMBLY & CLEAN AIR SYS
02075	00	Italy	HARD DISC AND R/W HEAD ACTUATOR
02076	00	Italy	DISC DRIVE ASSEMBLY
02098	00	Italy	TUNED RING OSCILLATOR
02105	00	Italy	DEFECT MANAGEMENT SCHEME
02107	00	Italy	SPINDLE MOTOR ASSEMBLY FOR DISC DRIVES
02115	00	Italy	INDIRECT MOTOR POSITION DETECTION
02129	00	Italy	DUAL PIVOT DISC DRIVE
02135	00	Italy	TIME DIFF. ROTOR POSITION DETECT
02141	00	Italy	SHAPE-MEMORY HEAD LIFTER
02172	00	Italy	A SEMICONDUCTOR DEVICE FABRICATION
02221	00	Italy	UNIPOLAR MR PREAMPLIFIER
02234	00	Italy	FLYING LEAD OVER MOLD COIL
02239	00	Italy	FLEXIBLE MOUNT W/ ZERO POSITIONING
04042	00	Italy	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04054	00	Italy	DISK DRIVE ARCHITECTURE
04056	00	Italy	LATCH MECHANISM FOR DISK DRIVES
04060	00	Italy	LOW HEIGHT DISK DRIVE
04061	00	Italy	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04064	00	Italy	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04065	00	Italy	VOICE COIL ACTIVATED DISK DRIVE PARKING DEVICE WITH MAGNETIC BIAS
04068	00	Italy	DISK DRIVE APPARATUS
04070	00	Italy	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04075	00	Italy	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04076	00	Italy	STABILIZED DISK DRIVE SPIN MOTOR

TRADEMARK
REEL: 002548 FRAME: 0229

04077	00	Italy	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR
04078	00	Italy	DISK DRIVE SYSTEM EMPLOYING ADAPTIVE READ/WRITE CHANNEL CONTROLS AND METHOD OF USING SAME
04079	00	Italy	MULTIPLE ACTUATOR DISK DRIVE
04080	00	Italy	MULTIPLE ACTUATOR DISK DRIVE
04081	00	Italy	UNDER-THE-HUB DISK DRIVE SPIN MOTOR
04083	00	Italy	DISK DRIVE APPARATUS
04099	00	Italy	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04102	00	Italy	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04110	00	Italy	LOW NOISE SPIN MOTOR FOR USE IN DISK DRIVE
04113	00	Italy	DISK DRIVE DATA PATH INTEGRITY CONTROL ARCHITECTURE
04118	00	Italy	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04119	00	Italy	HIGH PERFORMANCE DISK DRIVE ARCHITECTURE
04120	00	Italy	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04132	00	Italy	1.8" WINCHESTER DRIVE CARD
04134	00	Italy	THIN LINE MICRO HARD DISK ARCHITECTURE
04151	00	Italy	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04152	00	Italy	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04155	00	Italy	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Italy	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Italy	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS

TRADEMARK
REEL: 002548 FRAME: 0230

04163	00	Italy	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Italy	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Italy	DATA TRANSFER SYSTEM
04167	00	Italy	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Italy	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Italy	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Italy	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
08000	00	Italy	PC/AT PROM W/ CONFIG. HD TABLE
08004	00	Italy	TUNGSTEN DIFFUSION BARRIER
08017	00	Italy	TFH IMAGE REVERSAL PHOTORESIST
08047	00	Italy	DATA FILL FOR PARALLEL TRANSF DRIVE
08048	00	Italy	TWO TERMINAL HAMMERHEAD MR SENSOR
08057	00	Italy	DISK ARRAY ERROR DEFERRAL METHOD
08060	00	Italy	REDUCED TORQUE RIPPLE MOTOR
08061	00	Italy	LOAD BEAM WIRE ROUTE
08063	00	Italy	ACTUATOR COIL
08066	00	Italy	MULTI-FRAME INDEX
08067	00	Italy	SWAGE METHOD
08070	00	Italy	MEMORY METAL DATA ARM DEFLECTOR
08097	00	Italy	SLIDER WITH RELIEVE TRAILING EDGE
08168	00	Italy	DISC FILE FLEXURE SUPPORT SERIES
08185	00	Italy	NONMAGNETIC SEED LAYER IN THIN FILM
00035	00	Japan	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	Japan	MULTI-PROCESSOR USING TIME-SHARING
00037	00	Japan	HIGH SPEED DIVIDER
00039	00	Japan	PLUGGABLE MEMORY MODULE

TRADEMARK
REEL: 002548 FRAME: 0231

00041	00	Japan	TWISTED PAIR TRANSMISSION SYSTEM
00042	00	Japan	COAXIAL CABLE TRANSMISSION SYSTEM
00079	00	Japan	OPTICAL SHAFT-ENCODER DISK
00097	00	Japan	TABULATING CARD SYSTEM
00139	00	Japan	LASER DEVICE
00163	00	Japan	MECHANICAL CODING AND SORTING
00174	00	Japan	FLUID PRESSURE DIGITAL COMPUTER
00176	00	Japan	COMPATIBLE AIRBORNE NAVIGATION
00207	10	Japan	SYNC COMM - SEE DKT 138
00403	00	Japan	MAGNETIC RECORD MEMBERS
00404	00	Japan	MAGNETIC RECORD MEMBERS
00413	00	Japan	MAGNETIC OXIDE COATING
00417	00	Japan	MINIATURE MAGNETIC HEAD
00420	00	Japan	TRANSDUCING HEAD ASSEMBLY
00421	00	Japan	INTERCHANGEABLE DISK ASSEMBLY
00422	00	Japan	MAGNETIC TRANSDUCER HEAD ASSEMBLY
00423	00	Japan	MAGNETIC DISK CALIBRATION TRACK
00424	00	Japan	DISK RANDOM ACCESS MEMORY SYSTEM
00426	00	Japan	HIGH RECORDING DENSITY MAG. MEDIA
00503	00	Japan	THERMALLY STABILIZED ENCLOSURE
00517	00	Japan	THROAT HEIGHT REF. FOR MONO. FER. H
00558	00	Japan	CUTTING NARROW TRACK FERRITE HEADS
00558	10	Japan	CUTTING NARROW TRACK FERRITE HEADS
00573	00	Japan	DISK MEMORY MODULE
00577	00	Japan	SEEK CONTROL LOWERS LARGE SEEK GAIN
00596	00	Japan	MAGNETIC HEADS
00635	00	Japan	HEAD LIFT MECHANISM
00688	00	Japan	QUICK DISCONNECT PACK
00689	00	Japan	DIGITAL SPEED CONTROL
00694	00	Japan	ANTI-SATURATION CIRCUIT
00717	00	Japan	CARTRIDGE LOAD MECHANISM
00723	00	Japan	ALIGNMENT METHOD AND APPARATUS
00727	00	Japan	WORKPIECE CARRIER

TRADEMARK
REEL: 002548 FRAME: 0232

00734	00	Japan	MACHINING SENSOR (CL.1 DISCLAIMED)
00740	00	Japan	SELF-LOADING MAGNETIC HEAD SLIDER
00741	00	Japan	LIFT OFF FEATURE DEFINITION
00742	00	Japan	SIGNAL RECOVERY CIRCUIT
00746	00	Japan	PNEUMATIC CARTRIDGE SEAL
00765	00	Japan	FLUID FILTER CARTRIDGE
00768	00	Japan	VIBRATION DAMPER
00783	00	Japan	CAPACITIVE MEASURING
00817	00	Japan	THIN FILM HEAD FOR RECORDING
00818	00	Japan	HIGH SPEED COATING PROCESS
00819	00	Japan	FABRICATING NPAB SLIDERS
00841	00	Japan	ROTARY HEAD RECORDING
00848	00	Japan	SEE DKT 818, DISK STRIPPING PROCESS
00852	00	Japan	LIQUID LUBRICATED MAGNETIC DISK
00853	00	Japan	HUMIDITY CONTROL (CAPILLARY TUBE)
00855	00	Japan	INDEXED ROTARY ARM
00857	00	Japan	DOUBLET DETECTOR
00885	00	Japan	ADJUSTABLE, DEGAUSSER
00889	00	Japan	CALIBRATION: FLYING HEIGHT TESTER
00910	00	Japan	PERPENDICULAR DIGITAL RECORDING
00917	00	Japan	SPINDLE MOTOR QUIET CENTRIFUGAL FAN
00923	00	Japan	SHIELD FOR VERTICAL RECORDING HEAD
00927	00	Japan	SIDE VENTED, NPAB SLIDER
00970	00	Japan	VELOCITY FROM TRI-PHASE SERVO
00973	00	Japan	COMBINATION RING / PROBE HEAD
00977	00	Japan	LOW DIFFUS. DISK DR. BREATHER VENT
00978	00	Japan	PHASE LOCK LOOP
00991	00	Japan	OFFSET COMPENSATE
01000	00	Japan	HEAD SUSPENSION
01005	00	Japan	MAGNETORESISTIVE HEAD
01006	00	Japan	MAGNETORESISTIVE HEAD
01008	00	Japan	CONTROL YIELD DISTRIUTION
01009	00	Japan	SLURRY DISPENSOR
01010	00	Japan	LAP PLATE WIPER
01011	00	Japan	METHOD OF TEXTURING A LAPPING PLATE
01016	00	Japan	DATA-PHASE COMPARATOR

TRADEMARK
REEL: 002548 FRAME: 0233

01017	00	Japan	3/2 FREQUENCY DIVIDER
01020	00	Japan	FLUORINATING CARBON OVERCOAT MEDIA
01024	00	Japan	HIGH STRENGTH MAGNET-POLE ASSEMBLER
01027	00	Japan	SHOCK LOAD DETECTION DEVICE
01029	00	Japan	TRANSDUCER AMPLIFIER
01034	00	Japan	MAGNETIC DISK SUBSTRATE
01047	00	Japan	ADAPTIVE VELOCITY PROFILE
01078	00	Japan	GANGED MR HEAD SENSOR
01094	00	Japan	DISK SPACER RING HAVING AIR PUMPS
01097	00	Japan	COFEB THIN FILM HEAD CORE
01098	00	Japan	HEAD ARM LOCK MECHANISM FOR DISK DR
01102	00	Japan	RETRIGGERABLE MULTIVIBRATOR
01109	00	Japan	HfO2 (Y203) HARD DISK OVERCOAT
01117	00	Japan	DISK DRIVE ROTARY ACTUATOR
01123	00	Japan	READBACK RECOVERY
01125	00	Japan	SERVO ADDRESS SYSTEM
01126	00	Japan	OFFSET NULLING SYSTEM
01132	00	Japan	DISK DRIVE ASSEMBLY STATION
01136	00	Japan	MR SENSOR "LIP"
01150	10	Japan	METHOD FOR MFG. M.I.G. FLUX GAP
01164	00	Japan	LASER PRODUCED TEXTURE
01169	00	Japan	ACTUATOR MOUNT FOR DISKDRIVES
02000	00	Japan	EVALUATING RECORDING SYSTEMS
02002	00	Japan	CRASH STOP AND TRACK 0 SENSOR
02003	00	Japan	DISC DRIVE CARTRIDGE LOADER
02004	00	Japan	DISK DRIVE TEMP. COMPENSATION
02005	00	Japan	DISC DRIVE LINEAR ACTUATOR
02006	00	Japan	HELICAL BAND DRIVE
02007	00	Japan	STRAIGHT ARM ROTARY ACTUATOR
02011	00	Japan	PREPENDICULAR RECORDING HEAD
02012	00	Japan	BI COMPLIANT ROTOR STEPPER MOTOR
02014	00	Japan	DISC MEMORY SERVO INDEXING SYSTEM
02016	00	Japan	VOICE COIL-BASE PLATE THERMAL ISOL.
02017	00	Japan	COMPACT VOICE COIL CARRIAGE
02018	00	Japan	THERMAL OFFSET COMPENSATION
02019	00	Japan	BACK-EMF-STEPPER MOTOR HEAD PARKING
02020	00	Japan	DEFECT MAPPING

TRADEMARK
REEL: 002548 FRAME: 0234

02022	00	Japan	CAR. LOCK W/ SHOCK COUNTERWEIGHT
02025	00	Japan	DUAL TRACK SERVO SYSTEM
02027	00	Japan	BIPOLAR MOTOR CONTROL
02028	00	Japan	ENCAPSULATED STEPPER MOTOR
02034	10	Japan	DISC DRIVE SPINDLE MOTOR WITH LOW COGGING TORQUE
02035	00	Japan	WEAR COMPENSATION FOR PIVOTED ARM
02037	00	Japan	SAFETY LATCH W/SHAPE MEMORY METALS
02040	00	Japan	INFORMATION STORAGE DISC
02043	00	Japan	VOICE COIL POSITIONING AMPLIFIER
02044	00	Japan	SWITCHED POWER SUPPLY
02045	00	Japan	IPS, SW. MODE PW. SUP. CONTROLLER
02056	00	Japan	STEPPER MOTOR TORQUE VARIANCE
02060	00	Japan	LOW PROFILE SERVO ACTUATOR
02063	00	Japan	ACTUATOR ARM FOR A DISC DRIVE
02067	00	Japan	IN LINE DISK SPUTTERING SYSTEM
02074	00	Japan	FIXED DISC ASSEMBLY & CLEAN AIR SYS
02075	00	Japan	HARD DISC AND R/W HEAD ACTUATOR
02076	00	Japan	DISC DRIVE ASSEMBLY
02098	00	Japan	TUNED RING OSCILLATOR
02129	00	Japan	DUAL PIVOT DISC DRIVE
02134	00	Japan	ROTOR POSITION BY SENSITIVITY
02141	00	Japan	SHAPE-MEMORY HEAD LIFTER
02204	00	Japan	CONSTANT VELOCITY AUTOPARK CIRCUIT
02218	00	Japan	HEAD FLEXURE ASM. FOR LOWEST DISC
02280	00	Japan	LINEAR ACTUATOR FOR DISC DRIVE
02311	00	Japan	CIRCUIT AND METHOD FOR LOCATING DATA SECOTRS IN EMBEDDED SERVO HARD DISC DRIVES
02369	00	Japan	APPLYING A RAMPED VOLTAGE SOURCE ACROSS AN ACTUATOR COIL TO RETRACT A DISC DRIVE ACTUATOR
02378	00	Japan	LUBRICANTS FOR MINATURE BEARINGS
04056	00	Japan	LATCH MECHANISM FOR DISK DRIVES
04060	00	Japan	LOW HEIGHT DISK DRIVE
04064	00	Japan	MAGNETIC PARKING DEVICE FOR A DISK DRIVE

TRADEMARK
REEL: 002548 FRAME: 0235

04070	00	Japan	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04073	00	Japan	DISK CENTERING METHOD AND APPARATUS FOR CENTERING DISKS FOR DISK DRIVES
04077	00	Japan	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR
04079	00	Japan	MULTIPLE ACTUATOR DISK DRIVE
04080	00	Japan	MULTIPLE ACTUATOR DISK DRIVE
04082	00	Japan	METHOD AND APPARATUS FOR REDUCING DISK DISTORTION UNDER CLAMPING LOAD IN A DISK DRIVE APPARATUS
04083	00	Japan	DISK DRIVE APPARATUS
04099	00	Japan	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04102	00	Japan	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04118	00	Japan	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04134	00	Japan	THIN LINE MICRO HARD DISK ARCHITECTURE
04148	00	Japan	ACOUSTICALLY DAMPED DUAL COVER FOR A DISK DRIVE
04149	00	Japan	METHOD AND APPARATUS EMPLOYING SYSTEM FOR RECIRCULATING LIQUID IN A CONTROLLED ENVIRONMENT
04150	00	Japan	LUBRICATED DISK DRIVE
04152	00	Japan	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04154	00	Japan	METHOD OF ASSEMBLING A DISK DRIVE ACTUATOR
04160	00	Japan	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04161	00	Japan	HIGH CAPACITY TWO AND ONE-HALF INCH DISK DRIVE
04167	00	Japan	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0236

04168	00	Japan	A FLASH SOLID STATE DRIVE THAT EMULATES A DISK DRIVE AND STORES VARIABLE LENGTH AND FIXED LENGTH DATA BLOCKS (AS AMENDED)
04169	00	Japan	FAST PARALLEL PORT DATA TRANSFER WITH ERROR DETECTION
04170	00	Japan	FLASH SOLID STATE DRIVE
04172	00	Japan	HIGH TEMPERATURE HEAD SLIDER GEOMETRY CONTROL FOR CONTACT OR NEAR CONTACT RECORDING
04175	00	Japan	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04178	00	Japan	HEAD INCREMENTAL MODE FOR NEAR CONTACT AND CONTACT RECORDING
04179	00	Japan	BURNISHABLE HEAD AND MEDIA FOR NEAR CONTACT AND CONTACT RECORDING
04189	00	Japan	DYNAMIC BUFFER CHAMBER
04191	00	Japan	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04197	00	Japan	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04199	00	Japan	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04206	00	Japan	DISK DRIVE STICTION RELEASE SYSTEM
04209	00	Japan	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04214	00	Japan	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
04215	00	Japan	TRANSPORT SYSTEM FOR THIN FILM SPUTTERING SYSTEM
05008	00	Japan	MAGNETO-OPTICAL STORAGE SYSTEM UTILIZING MSR MEDIA
05009	00	Japan	OPTICAL HEAD USING MICRO-MACHINED ELEMENTS
05013	00	Japan	DATA STORAGE SYSTEM HAVING AN OPTICAL PROCESSING FLYING HEAD

TRADEMARK
REEL: 002548 FRAME: 0237

05028	00	Japan	HEAD-ARM SPEED DURING HEAD LOADING
08051	20	Japan	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	00	Japan	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	10	Japan	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08060	00	Japan	REDUCED TORQUE RIPPLE MOTOR
08061	00	Japan	LOAD BEAM WIRE ROUTE
08063	00	Japan	ACTUATOR COIL
08081	00	Japan	AIR BEARING SLIDER DESIGN
08155	00	Japan	MR CONTACT FOR INDUCTIVE PICKUP
08225	00	Japan	SPIN TRANSDUCER
08272	10	Japan	ESD GROUNDING DEVICE
08338	00	Japan	THIN FILM MR HEAD W/SMOOTH HEAD
08489	00	Japan	OPTICAL DISK FOR OPTICAL STORAGE SYSTEM
08529	00	Japan	DISC DRIVE WITH ROBUST TRACK FOLLOWING SERVO CONTROLLER
08561	00	Japan	FILTER CAL. AND HEAD STABILITY DET.
08589	00	Japan	REPEATED SERVO RUNOUT ERROR COMPENSATION IN A DISC DRIVE
08897	00	Japan	CONCENTRIC SPACING OF VIRTUAL DATA TRACKS USING RUN-OUT COMPENSATION
09091	00	Japan	ACTUATOR LATCH FOR DISC DRIVE
04054	00	Liechtenstein	DISK DRIVE ARCHITECTURE
04056	00	Liechtenstein	LATCH MECHANISM FOR DISK DRIVES
04070	00	Liechtenstein	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Liechtenstein	DISK DRIVE APPARATUS
04102	00	Liechtenstein	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Liechtenstein	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Liechtenstein	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Liechtenstein	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS

TRADEMARK
REEL: 002548 FRAME: 0238

04163	00	Liechtenstein	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Liechtenstein	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Liechtenstein	DATA TRANSFER SYSTEM
04167	00	Liechtenstein	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Liechtenstein	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Liechtenstein	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Liechtenstein	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
02004	00	Luxembourg	DISK DRIVE TEMP. COMPENSATION
02005	00	Luxembourg	DISC DRIVE LINEAR ACTUATOR
02006	10	Luxembourg	HELICAL BAND DRIVE
02006	00	Luxembourg	HELICAL BAND DRIVE
04054	00	Luxembourg	DISK DRIVE ARCHITECTURE
04056	00	Luxembourg	LATCH MECHANISM FOR DISK DRIVES
04070	00	Luxembourg	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Luxembourg	DISK DRIVE APPARATUS
04102	00	Luxembourg	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Luxembourg	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Luxembourg	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Luxembourg	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Luxembourg	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Luxembourg	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)

TRADEMARK
REEL: 002548 FRAME: 0239

04166	00	Luxembourg	DATA TRANSFER SYSTEM
04167	00	Luxembourg	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Luxembourg	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Luxembourg	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Luxembourg	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
01097	00	Malaysia	COFEB THIN FILM HEAD CORE
05007	00	Malaysia	COIL USE WITH MAGNETO-OPTICAL HEAD
08061	00	Malaysia	LOAD BEAM WIRE ROUTE
08067	00	Malaysia	SWAGE METHOD
08389	00	Malaysia	Improved ELG WIRING Configuration
00108	00	Mexico	RAILWAY CAR IDENTIFIER
00420	00	Mexico	TRANSDUCING HEAD ASSEMBLY
00423	00	Mexico	MAGNETIC DISK CALIBRATION TRACK
00424	00	Mexico	DISK RANDOM ACCESS MEMORY SYSTEM
04054	00	Mexico	DISK DRIVE ARCHITECTURE
04056	00	Mexico	LATCH MECHANISM FOR DISK DRIVES
04183	00	Mexico	DATA BUFFER MONITORING APPARATUS IN A DISK DRIVE SYSTEM
04185	00	Mexico	DISK DRIVE INCLUDING MULTI-STATE ENVIRONMENTAL DIFFUSION BUFFER
04188	00	Mexico	APPARATUS AND METHOD FOR SPUTTERING CARBON
04189	00	Mexico	DYNAMIC BUFFER CHAMBER
04191	00	Mexico	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04193	00	Mexico	APPARATUS AND METHOD FOR CONTROLLING THE FREQUENCY AT WHICH DATA IS WRITTEN IN A DISK DRIVE SYSTEM
04194	00	Mexico	APPARATUS FOR COMPENSATING FOR NON-LINEAR CHARACTERISTICS OF MAGNETORESISTIVE HEADS
04195	00	Mexico	DIGITAL DATA PHASE DETECTOR

TRADEMARK
REEL: 002548 FRAME: 0240

04196	00	Mexico	MAGNETIC HEAD SUB-AMBIENT AIR PRESSURE SLIDER FOR A DISK DRIVE DEVICE OR THE LIKE
04197	00	Mexico	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04198	00	Mexico	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04199	00	Mexico	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04204	00	Mexico	DISK DRIVE INCLUDING EMBEDDED VOICE COIL MAGNET PLATES
04205	00	Mexico	DUAL MEMBER DISK CLAMP
04206	00	Mexico	DISK DRIVE STICTION RELEASE SYSTEM
04207	00	Mexico	MULTI-LAYER MAGNETIC RECORDING MEDIA AND MAGNETORESISTIVE DRIVE SYSTEMS
04208	00	Mexico	FM DETECTION OF SLIDER-DISK INTERFACE
04209	00	Mexico	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04210	00	Mexico	DUAL IDENTIFICATION FOR DATA FIELDS OF A DISK DRIVE
04214	00	Mexico	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
04155	00	Monaco	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Monaco	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Monaco	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Monaco	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Monaco	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)

TRADEMARK
REEL: 002548 FRAME: 0241

04166	00	Monaco	DATA TRANSFER SYSTEM
04167	00	Monaco	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Monaco	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Monaco	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Monaco	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
00421	00	New Zealand	INTERCHANGEABLE DISK ASSEMBLY
00424	00	New Zealand	DISK RANDOM ACCESS MEMORY SYSTEM
02021	00	Patent Cooperation Treaty	OFFSET COMPENSATION (REF. 2020)
02042	00	Patent Cooperation Treaty	RESISTANCE COMPENSATION IN A MOTOR
02067	00	Patent Cooperation Treaty	IN LINE DISK SPUTTERING SYSTEM
02172	00	Patent Cooperation Treaty	A SEMICONDUCTOR DEVICE FABRICATION
02252	00	Patent Cooperation Treaty	DISC CLAMP AND SPACER
02263	00	Patent Cooperation Treaty	RADIALLY MAGNETIZED BEARING
02267	00	Patent Cooperation Treaty	SENSORLESS CLOSED-LOOP ACTUATOR UNLATCH
02311	00	Patent Cooperation Treaty	CIRCUIT AND METHOD FOR LOCATING DATA SECOTRS IN EMBEDDED SERVO HARD DISC DRIVES
02335	00	Patent Cooperation Treaty	SINUSOOIDAL GROOVING PATTERN

TRADEMARK
REEL: 002548 FRAME: 0242

02349	00	Patent Cooperation Treaty	SPINDLE MOTOR BEMF
02350	00	Patent Cooperation Treaty	SEQUENTIAL NUMERICAL INFORMATION ENCODER AND DECODER
02351	00	Patent Cooperation Treaty	DISC MEMORY ENCODING & DECODING
02354	00	Patent Cooperation Treaty	FAST ERROR CORRECTING IDE INTERFACE
02355	00	Patent Cooperation Treaty	TRELLIS CODE FOR PR4 CHANNELS
02356	00	Patent Cooperation Treaty	RATE N/(N+1) CODE FOR EMBEDDED SERVO ADDRESS ENCODING
02361	00	Patent Cooperation Treaty	SPUTTER TEXTURING CERAMIC SUBSTRATE
02370	00	Patent Cooperation Treaty	MR PREAMPLIFIER
02374	00	Patent Cooperation Treaty	MINATURE HYDRODYNAMIC BEARINGS
02376	00	Patent Cooperation Treaty	LUBRICANT FLUID DISK DRIVE MOTOR
02377	00	Patent Cooperation Treaty	PRIVATE PIN NUMBER
02378	00	Patent Cooperation Treaty	LUBRICANTS FOR MINATURE BEARINGS
02380	00	Patent Cooperation Treaty	HYDRODYNAMIC BEARING W/TEMPERATURE
02381	00	Patent Cooperation Treaty	DUAL PHASE CARBON FILMS FOR MR

TRADEMARK
REEL: 002548 FRAME: 0243

02382	00	Patent Cooperation Treaty	RECURSIVE 12:15 ENCODER/DECODER
02384	00	Patent Cooperation Treaty	DISC DRIVE SYSTEM USING MULTIPLE PAIRS OF EMBEDDED SERVO BURSTS
02399	00	Patent Cooperation Treaty	NONCONDUCTIVE LUBRICANTS
02411	00	Patent Cooperation Treaty	GROOVED THRUST BEARING
02420	00	Patent Cooperation Treaty	ELECTROMAGNETIC DAMPING SYSTEM
02422	00	Patent Cooperation Treaty	HYDRODYNAMIC GEARING POSITION
02426	00	Patent Cooperation Treaty	BRUSHLESS SPINDLE DC MOTOR USED AS AN ACTUATOR TO CREATE RADIAL FORCE
02427	00	Patent Cooperation Treaty	MANUFACTURING GROOVE BEARINGS
02435	00	Patent Cooperation Treaty	LUBRICANTS FOR THIN FILM MEDIA
02444	00	Patent Cooperation Treaty	LASER BUMP WITH QUENCH CONTROL
02447	00	Patent Cooperation Treaty	DATA RETRIEVAL CHANNEL CHARACTERISTICS CONTROL
02448	00	Patent Cooperation Treaty	ANALOG PHASE DETECTOR
02449	00	Patent Cooperation Treaty	ASYMMETRIC CHANNEL DATA DETECTION COMPENSATION
02460	00	Patent Cooperation Treaty	THIN FILM ALUMINUM UNDERLAYER

TRADEMARK
REEL: 002548 FRAME: 0244

02463	00	Patent Cooperation Treaty	ACTUATOR ARM INTEGRATED PIEZOELECTRIC MICROACTUATOR
02464	00	Patent Cooperation Treaty	PIEZOELECTRIC HEAD LOADING AND UNLOADING DEVICE FOR RIGID DISC DRIVES
02474	00	Patent Cooperation Treaty	E-BLOCK HEAD STACK MICROACTUATOR ASSEMBLY
02475	00	Patent Cooperation Treaty	PIEZOELECTRIC MIC. ACT. AND HEAD
02476	00	Patent Cooperation Treaty	CONICAL HYDRODYNAMIC BEARING
02480	00	Patent Cooperation Treaty	SPUTTER TEXTURED SUBSTRATES
02490	00	Patent Cooperation Treaty	LOW RESONANCE TEXTURING OF MAGNETIC MEDIA
02493	00	Patent Cooperation Treaty	MIC. ACT. LED SERVO SYSTEM
02504	00	Patent Cooperation Treaty	LASER TEXTURE TO REDUCE HEAD DISC
02507	00	Patent Cooperation Treaty	MR HEAD WITH MRE/SPACER/SAL LAYERS
02510	00	Patent Cooperation Treaty	AIR FLOW ACTUATED LATCH
02515	00	Patent Cooperation Treaty	MACHINING PROCESS FOR HYDRODYNAMIC BEARING
02516	00	Patent Cooperation Treaty	SPINDLE MOTOR W/THRUST PLATE FDB
02517	00	Patent Cooperation Treaty	SPINDLE MOTOR W/FDB JOURNAL

TRADEMARK
REEL: 002548 FRAME: 0245

02540	00	Patent Cooperation Treaty	MAGNETIC RECORDING MEDIUM COMPRISING MULTILAYERED CARBON-CONTAINING PROTECTIVE OVERCOATS
02547	00	Patent Cooperation Treaty	MOLECULAR BEAM DOSER FOR ZONE LUBE
02556	00	Patent Cooperation Treaty	DATA STORAGE MEDIA PATTERN
02571	00	Patent Cooperation Treaty	OPEN FLUID DYNAMIC BEARING 1/PLATES
02572	00	Patent Cooperation Treaty	OPEN FLUID DYNAMIC BEARING
02623	00	Patent Cooperation Treaty	PHOTO PATTERNING ON MAGNETO-OPICAL
02634	00	Patent Cooperation Treaty	ENCODING & RECOVERING ADDRESS INFO
02637	00	Patent Cooperation Treaty	SUBSTRATES FOR HIGH & LOW MEDIA
02711	00	Patent Cooperation Treaty	LOW NOISE GENERATOR FOR MR HEADS
02734	00	Patent Cooperation Treaty	MULTIPLE SDRAM CONFIGURATIONS
02804	00	Patent Cooperation Treaty	PARTICLE FREE SHIELD ASSEMBLY
02837	00	Patent Cooperation Treaty	SEASHELL
04003	00	Patent Cooperation Treaty	PROGRAM INTERFACE FOR CHANGER
04054	00	Patent Cooperation Treaty	DISK DRIVE ARCHITECTURE

TRADEMARK
REEL: 002548 FRAME: 0246

04056	00	Patent Cooperation Treaty	LATCH MECHANISM FOR DISK DRIVES
04060	00	Patent Cooperation Treaty	LOW HEIGHT DISK DRIVE
04061	00	Patent Cooperation Treaty	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04064	00	Patent Cooperation Treaty	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04065	00	Patent Cooperation Treaty	VOICE COIL ACTIVATED DISK DRIVE PARKING DEVICE WITH MAGNETIC BIAS
04068	00	Patent Cooperation Treaty	DISK DRIVE APPARATUS
04071	00	Patent Cooperation Treaty	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04073	00	Patent Cooperation Treaty	DISK CENTERING METHOD AND APPARATUS FOR CENTERING DISKS FOR DISK DRIVES
04075	00	Patent Cooperation Treaty	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04076	00	Patent Cooperation Treaty	STABILIZED DISK DRIVE SPIN MOTOR
04077	00	Patent Cooperation Treaty	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR
04078	00	Patent Cooperation Treaty	DISK DRIVE SYSTEM EMPLOYING ADAPTIVE READ/WRITE CHANNEL CONTROLS AND METHOD OF USING SAME
04079	00	Patent Cooperation Treaty	MULTIPLE ACTUATOR DISK DRIVE
04080	00	Patent Cooperation Treaty	MULTIPLE ACTUATOR DISK DRIVE

TRADEMARK
REEL: 002548 FRAME: 0247

04081	00	Patent Cooperation Treaty	UNDER-THE-HUB DISK DRIVE SPIN MOTOR
04099	00	Patent Cooperation Treaty	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04110	00	Patent Cooperation Treaty	LOW NOISE SPIN MOTOR FOR USE IN DISK DRIVE
04113	00	Patent Cooperation Treaty	DISK DRIVE DATA PATH INTEGRITY CONTROL ARCHITECTURE
04118	00	Patent Cooperation Treaty	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04119	00	Patent Cooperation Treaty	HIGH PERFORMANCE DISK DRIVE ARCHITECTURE
04120	00	Patent Cooperation Treaty	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04132	00	Patent Cooperation Treaty	1.8" WINCHESTER DRIVE CARD
04133	00	Patent Cooperation Treaty	SUBSTRATE TRANSPORT MECHANISM FOR USE IN HIGH THROUGHPUT SPUTTERING MACHINE
04134	00	Patent Cooperation Treaty	THIN LINE MICRO HARD DISK ARCHITECTURE
04148	00	Patent Cooperation Treaty	ACOUSTICALLY DAMPED DUAL COVER FOR A DISK DRIVE
04149	00	Patent Cooperation Treaty	METHOD AND APPARATUS EMPLOYING SYSTEM FOR RECIRCULATING LIQUID IN A CONTROLLED ENVIRONMENT
04150	00	Patent Cooperation Treaty	LUBRICATED DISK DRIVE
04151	00	Patent Cooperation Treaty	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE

TRADEMARK
REEL: 002548 FRAME: 0248

04152	00	Patent Cooperation Treaty	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04154	00	Patent Cooperation Treaty	METHOD OF ASSEMBLING A DISK DRIVE ACTUATOR
04155	00	Patent Cooperation Treaty	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04156	00	Patent Cooperation Treaty	WIRE CARRIER FOR DISK DRIVE
04157	00	Patent Cooperation Treaty	NETWORK MANAGEMENT SYSTEM HAVING VIRTUAL CATALOG OVERVIEW OF FILES DISTRIBUTIVELY STORED ACROSS NETWORK DOMAIN
04158	00	Patent Cooperation Treaty	HIGH WALL DISK CLAMP DESIGN
04160	00	Patent Cooperation Treaty	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04161	00	Patent Cooperation Treaty	HIGH CAPACITY TWO AND ONE-HALF INCH DISK DRIVE
04162	00	Patent Cooperation Treaty	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Patent Cooperation Treaty	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Patent Cooperation Treaty	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Patent Cooperation Treaty	DATA TRANSFER SYSTEM
04167	00	Patent Cooperation Treaty	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0249

04168	00	Patent Cooperation Treaty	A FLASH SOLID STATE DRIVE THAT EMULATES A DISK DRIVE AND STORES VARIABLE LENGTH AND FIXED LENGTH DATA BLOCKS (AS AMENDED)
04169	00	Patent Cooperation Treaty	FAST PARALLEL PORT DATA TRANSFER WITH ERROR DETECTION
04170	00	Patent Cooperation Treaty	FLASH SOLID STATE DRIVE
04172	00	Patent Cooperation Treaty	HIGH TEMPERATURE HEAD SLIDER GEOMETRY CONTROL FOR CONTACT OR NEAR CONTACT RECORDING
04173	00	Patent Cooperation Treaty	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Patent Cooperation Treaty	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04176	00	Patent Cooperation Treaty	STACKABLE ACTUATOR ASSEMBLY
04177	00	Patent Cooperation Treaty	METHOD AND APPARATUS FOR CONTROLLING SPINDLE SPEED TO COMPENSATE FOR DRAG IN A DISK DRIVE SYSTEM
04178	00	Patent Cooperation Treaty	HEAD INCREMENTAL MODE FOR NEAR CONTACT AND CONTACT RECORDING
04179	00	Patent Cooperation Treaty	BURNISHABLE HEAD AND MEDIA FOR NEAR CONTACT AND CONTACT RECORDING
04180	00	Patent Cooperation Treaty	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
04181	00	Patent Cooperation Treaty	CSI-COUPLED MODULE FOR MONITORING AND CONTROLLING SCSI-COUPLED RAID BANK AND BANK ENVIRONMENT
04182	00	Patent Cooperation Treaty	DATA BACKUP AND RESTORE SYSTEM FOR A COMPUTER NETWORK

TRADEMARK
REEL: 002548 FRAME: 0250

04183	00	Patent Cooperation Treaty	DATA BUFFER MONITORING APPARATUS IN A DISK DRIVE SYSTEM
04185	00	Patent Cooperation Treaty	DISK DRIVE INCLUDING MULTI-STATE ENVIRONMENTAL DIFFUSION BUFFER
04188	00	Patent Cooperation Treaty	APPARATUS AND METHOD FOR SPUTTERING CARBON
04189	00	Patent Cooperation Treaty	DYNAMIC BUFFER CHAMBER
04191	00	Patent Cooperation Treaty	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04193	00	Patent Cooperation Treaty	APPARATUS AND METHOD FOR CONTROLLING THE FREQUENCY AT WHICH DATA IS WRITTEN IN A DISK DRIVE SYSTEM
04194	00	Patent Cooperation Treaty	APPARATUS FOR COMPENSATING FOR NON-LINEAR CHARACTERISTICS OF MAGNETORESISTIVE HEADS
04195	00	Patent Cooperation Treaty	DIGITAL DATA PHASE DETECTOR
04196	00	Patent Cooperation Treaty	MAGNETIC HEAD SUB-AMBIENT AIR PRESSURE SLIDER FOR A DISK DRIVE DEVICE OR THE LIKE
04197	00	Patent Cooperation Treaty	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04198	00	Patent Cooperation Treaty	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04199	00	Patent Cooperation Treaty	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04204	00	Patent Cooperation Treaty	DISK DRIVE INCLUDING EMBEDDED VOICE COIL MAGNET PLATES
04205	00	Patent Cooperation Treaty	DUAL MEMBER DISK CLAMP

TRADEMARK
REEL: 002548 FRAME: 0251

04206	00	Patent Cooperation Treaty	DISK DRIVE STICTION RELEASE SYSTEM
04207	00	Patent Cooperation Treaty	MULTI-LAYER MAGNETIC RECORDING MEDIA AND MAGNETORESISTIVE DRIVE SYSTEMS
04208	00	Patent Cooperation Treaty	FM DETECTION OF SLIDER-DISK INTERFACE
04209	00	Patent Cooperation Treaty	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04210	00	Patent Cooperation Treaty	DUAL IDENTIFICATION FOR DATA FIELDS OF A DISK DRIVE
04211	00	Patent Cooperation Treaty	SYSTEM AND METHOD FOR RECONSTRUCTING A SIGNAL WAVE IN A PARTIAL RESPONSE READ CHANNEL
04213	00	Patent Cooperation Treaty	APPARATUS AND METHOD FOR CONTROLLING HIGH THROUGHPUT SPUTTERING
04214	00	Patent Cooperation Treaty	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
04215	00	Patent Cooperation Treaty	TRANSPORT SYSTEM FOR THIN FILM SPUTTERING SYSTEM
04221	01	Patent Cooperation Treaty	ADAPTIVE CONTROL OF A WRITE INHIBIT SIGNAL IN A DISK DRIVE
04236	00	Patent Cooperation Treaty	BICRYSTAL CLUSTER MAGNETIC RECORDING MEDIUM
04237	00	Patent Cooperation Treaty	METHOD OF MANUFACTURING A BICRYSTAL CLUSTER MAGNETIC RECORDING MEDIUM
04245	00	Patent Cooperation Treaty	OPTIMIZED SURFACE PROFILE CONTROL OVER ZONES OF HIGH-DENSITY MAGNETIC RECORDING MEDIA USING LASER TREATMENT
04246	00	Patent Cooperation Treaty	LASER TEXTURING OF MAGNETIC RECORDING MEDIA USING MULTIPLE LENSE FOCUSING

TRADEMARK
REEL: 002548 FRAME: 0252

04247	00	Patent Cooperation Treaty	TEXTURE FORMATION ON GLASS-CERAMIC MATERIAL SURFACES BY LOCALIZED CRYSTALLIZATION THROUGH FOCUSED, PULSED CO2 LASER HEAT TREATMENT
04256	00	Patent Cooperation Treaty	SEEDLAYER-LESS SPUTTER TEXTURE TECHNIQUE FOR COMPUTER MEMORY DISK
04263	00	Patent Cooperation Treaty	HIGH AREAL DENSITY MAGNETIC RECORDING MEDIA WITH DUAL MAGNETIC LAYERS
04283	00	Patent Cooperation Treaty	WATER-BASED LUBRICANTS FOR THIN FILM MAGNETIC DISKS
05001	00	Patent Cooperation Treaty	FLYING OPTICAL HEAD
05002	00	Patent Cooperation Treaty	OPTICAL FIBERS FOR STORAGE
05003	00	Patent Cooperation Treaty	SYSTEM AND METHOD USING OPTICAL FIBERS IN A DATA STORAGE AND RETRIEVAL SYSTEM
05005	00	Patent Cooperation Treaty	OFFSET OPTICS FOR FOR USE WITH OPTICAL HEADS
05007	00	Patent Cooperation Treaty	COIL USE WITH MAGNETO-OPTICAL HEAD
05008	00	Patent Cooperation Treaty	MAGNETO-OPTICAL STORAGE SYSTEM UTILIZING MSR MEDIA
05009	00	Patent Cooperation Treaty	OPTICAL HEAD USING MICRO-MACHINED ELEMENTS
05010	00	Patent Cooperation Treaty	IMPROVED MICRO-MACHINED MIRROR
05010	10	Patent Cooperation Treaty	IMPROVED MICRO-MACHINED MIRROR

TRADEMARK
REEL: 002548 FRAME: 0253

05012	10	Patent Cooperation Treaty	MAGNETO-OPTICAL COMPUTER MEMORY
05012	00	Patent Cooperation Treaty	MAGNETO-OPTICAL COMPUTER MEMORY
05013	00	Patent Cooperation Treaty	DATA STORAGE SYSTEM HAVING AN OPTICAL PROCESSING FLYING HEAD
05015	00	Patent Cooperation Treaty	SYSTEM AND METHOD OF ENCODING FOR IDENTIFYING A GIVEN SURFACE AMONG SEVERAL IDENTICALLY PATTERNED DISK SURFACES
05016	00	Patent Cooperation Treaty	MO RECORDING SYSTEM/LINEAR/PLAYBACK
05017	10	Patent Cooperation Treaty	SYSTEM AND METHOD FOR GENERATING POSITION ERROR SIGNALS WITHIN A COMPUTER MEMORY DEVICE
05018	00	Patent Cooperation Treaty	MAGNETO-OPTICAL HEAD
05019	00	Patent Cooperation Treaty	ADJUSTABLE HEAD LOADING APPARATUS
05020	00	Patent Cooperation Treaty	2-D OPTICAL POSITIONING SYSTEM
05021	00	Patent Cooperation Treaty	LASER SOURCE/OPTICAL DATA STORAGE
05028	00	Patent Cooperation Treaty	HEAD-ARM SPEED DURING HEAD LOADING
05032	00	Patent Cooperation Treaty	AIR BEARING SURFACE DESIGN
05034	00	Patent Cooperation Treaty	CONTROLLING A MEDIA MASTER WRITING MACHINE TO PRODUCE CURVILINEAR SERVO SECTOR PATTERNS

TRADEMARK
REEL: 002548 FRAME: 0254

05035	00	Patent Cooperation Treaty	SYSTEM AND METHOD FOR LIGHT POWER CONTROL IN A MAGNETO-OPTICAL DRIVE
05036	00	Patent Cooperation Treaty	DISK DRIVE SYSTEM HAVING HYBRID ANALOG/DIGITAL PULSE PEAK INSTANCE/AMPLITUDE DATA DETECTION CHANNELS
05036	10	Patent Cooperation Treaty	DISK DRIVE SYSTEM HAVING HYBRID ANALOG/DIGITAL PULSE PEAK INSTANCE/AMPLITUDE DATA DETECTION CHANNELS
05036	20	Patent Cooperation Treaty	DISK DRIVE SYSTEM HAVING HYBRID ANALOG/DIGITAL PULSE PEAK INSTANCE/AMPLITUDE DATA DETECTION CHANNELS
05042	00	Patent Cooperation Treaty	MAGNETO-OPTICAL PREAMPLIFIER
05044	00	Patent Cooperation Treaty	LOW-BIREFRINGENCE OPTICAL FIBER FOR USE IN AN OPTICAL DATA STORAGE SYSTEM
05044	10	Patent Cooperation Treaty	LOW-BIREFRINGENCE OPTICAL FIBER FOR USE IN AN OPTICAL DATA STORAGE SYSTEM
05045	00	Patent Cooperation Treaty	AN ETCHED GLASS DISC PROCESS
05046	00	Patent Cooperation Treaty	METHOD FOR ESTIMATING THE LIFE OF A LASER
05047	00	Patent Cooperation Treaty	OPTICAL POLARIMETRIC DELAY LINE
05048	10	Patent Cooperation Treaty	TRACK POSITION/ID INFORMATION
05053	00	Patent Cooperation Treaty	STRUCTURE FOR MICRO-MACHINE OPTICAL TOOLING AND METHOD FOR MAKING AND USING
05057	00	Patent Cooperation Treaty	EFFICIENT LINEARIZATION OF SATURATION CHANNELS

TRADEMARK
REEL: 002548 FRAME: 0255

05058	00	Patent Cooperation Treaty	OPTICAL DATA STORAGE SYSTEM UTILIZING POLARIZATION MAINTAIN OPTICAL FIBER
05060	00	Patent Cooperation Treaty	PARALLEL CODED SPREAD SPECTRUM
05065	00	Patent Cooperation Treaty	SYSTEM/METHOD FOR CORRECTING INTERFERENCE ERRORS IN DATA ENCODED ON STORAGE MEDIA
05066	00	Patent Cooperation Treaty	MICROMACHINED MIRROR WITH STRETCHABLE RESTORING FORCE MEMBER
05085	00	Patent Cooperation Treaty	IMPROVED OPTICAL REFLECTOR FOR MICRO-MACHINED MIRRORS
05114	00	Patent Cooperation Treaty	TRANSCODING MULTIMEDIA DATA SHUTTLE AND ARCHIVE
05129	00	Patent Cooperation Treaty	SERVO TRACK WRITING USING EXTENDED COPYING WITH HEAD OFFSET
08104	00	Patent Cooperation Treaty	IMPROVED TRANSDUCER SETTLE METHOD FOR A HARD DISC DRIVE
08207	00	Patent Cooperation Treaty	AMORPHOUS PERMALLOY FILMS AND METHOD OF PREPARING THE SAME
08210	00	Patent Cooperation Treaty	IMPROVED PERFORM OF SLIDING CONTACT
08213	00	Patent Cooperation Treaty	REGULATED INVERTING POWER SUPPLY
08227	00	Patent Cooperation Treaty	DIAMOND-LIKE CARBON FILMS/ MR HEADS
08239	00	Patent Cooperation Treaty	SINGLE DOMAIN MR SENSORS
08257	00	Patent Cooperation Treaty	SUPERPOLISHING OF MR DISCS

TRADEMARK
REEL: 002548 FRAME: 0256

08264	00	Patent Cooperation Treaty	BRANCH METRIC COMPENSATION FOR DIGITAL SEQUENCE DETECTION
08272	10	Patent Cooperation Treaty	ESD GROUNDING DEVICE
08294	00	Patent Cooperation Treaty	MR READ ELEMENT BIAS CURRENT
08296	00	Patent Cooperation Treaty	METHOD OF DETECTING AND ISOLATING DEFECTIVE SERVO BURSTS
08321	10	Patent Cooperation Treaty	NICKEL MANGANESE IN GMR SENSORS
08337	00	Patent Cooperation Treaty	SHAPED-BEAM LASER TEXTURING OF MAGENTIC MEDIA
08338	00	Patent Cooperation Treaty	THIN FILM MR HEAD W/SMOOTH HEAD
08343	00	Patent Cooperation Treaty	WEIGHTED LINEARIZATION OF A POSITION ERROR SIGNAL IN A DISC DRIVE
08345	00	Patent Cooperation Treaty	CHANNEL QUALITY MEASURE QUALIFIER
08347	00	Patent Cooperation Treaty	DISC DRIVE SERVO SYSTEM WITH DUAL HEAD SAMPLING
08364	00	Patent Cooperation Treaty	RUN LENGTH LIMITED CODES
08378	00	Patent Cooperation Treaty	REDUNDANT SYNCHRONIZATION FIELDS TO IMPROVE DISC DRIVE READ PERFORMANCE
08381	00	Patent Cooperation Treaty	SHORTED SHIELD INDUCTIVE PICKUP
08383	01	Patent Cooperation Treaty	THERMAL SIGNAL GENERATOR

TRADEMARK
REEL: 002548 FRAME: 0257

08383	00	Patent Cooperation Treaty	THERMAL SIGNAL GENERATOR
08387	00	Patent Cooperation Treaty	MR HEADS ON HARD DISC DRIVES
08389	00	Patent Cooperation Treaty	Improved ELG WIRING Configuration
08390	00	Patent Cooperation Treaty	MULTIPOINT BENDING OF BARS DURING FABRICATION OF MAGNETIC RECORDING HEADS
08391	00	Patent Cooperation Treaty	ROTARY & LINEAR GIMBAL DEVICE
08397	00	Patent Cooperation Treaty	DISC HEAD SLIDER HAVING SURFACE DISCONTINUITIES TO MINIMIZE FLY STICTION
08415	00	Patent Cooperation Treaty	TAPERLESS/CROWN FREE/AIR BEARING
08420	00	Patent Cooperation Treaty	TRAILING EDGE CUT RAIL
08424	00	Patent Cooperation Treaty	DIGITAL MAGNETIC RECORDING
08427	00	Patent Cooperation Treaty	FREQUENCY MODULATION CIRCUIT
08446	00	Patent Cooperation Treaty	MICROACTUATOR SERVO SYSTEM IN A DISC DRIVE
08451	00	Patent Cooperation Treaty	SLIDER PIEZOELECTRIC ACTUATOR
08455	00	Patent Cooperation Treaty	FLEXURE MICROACTUATOR
08458	00	Patent Cooperation Treaty	MAXIMUM TRANSITION RUN LENGTH CODE

TRADEMARK
REEL: 002548 FRAME: 0258

08462	00	Patent Cooperation Treaty	OPTICAL HEAD GIMBAL DESIGN
08467	00	Patent Cooperation Treaty	SIL EQUIVALENT TO SIL REDUCTION
08473	00	Patent Cooperation Treaty	DUAL LAYER MAGNETIC EXCHANGE STABILIZATION FOR MR HEADS
08475	00	Patent Cooperation Treaty	OBJECT POSITIONING USING DISCRETE SLIDING MODE CONTROL WITH VARIABLE PARAMETERS
08477	00	Patent Cooperation Treaty	OPTICAL STORAGE SYSTEM/WAVEGUIDE
08486	00	Patent Cooperation Treaty	SIGNAL SPACE DETECTOR WITH TV MTR
08489	00	Patent Cooperation Treaty	OPTICAL DISK FOR OPTICAL STORAGE SYSTEM
08495	00	Patent Cooperation Treaty	WRITE CURRENT TEMP. CTRL. CONFIG.
08502	00	Patent Cooperation Treaty	RECORDING FOR FIELD MAGNETO OPTICS
08507	00	Patent Cooperation Treaty	LASER TEXTURED AIR BEARING SURFACES
08516	00	Patent Cooperation Treaty	Slider For Optical Disc Data Storage System
08517	00	Patent Cooperation Treaty	POSITIVE PRESSURE OPTICAL SLIDER HAVING TRAILING END SIDE PADS
08518	00	Patent Cooperation Treaty	DISK DRIVE SYSTEM, PROCESS AND COMPONENTS THEREOF FOR IMPROVED DISK STIFFNESS
08519	00	Patent Cooperation Treaty	GIMBAL FOR OPTICALLY ASSISTED DRIVE

TRADEMARK
REEL: 002548 FRAME: 0259

08520	00	Patent Cooperation Treaty	LOW MASS DISC DRIVE SUSPENSION
08521	00	Patent Cooperation Treaty	METHOD AND APPARATUS FOR INCREASING THE SAMPLE RATE OF A DISC DRIVE WITH LOW OVERHEAD
08528	00	Patent Cooperation Treaty	METHOD OF IMPLEMENTING A LINEAR DISCRETE-TIME STATE-SPACED SERVO CONTROL SYSTEM ON A FIXED-POINT DIGITAL SIGNAL PROCESSOR IN A DISC DRIVE
08529	00	Patent Cooperation Treaty	DISC DRIVE WITH ROBUST TRACK FOLLOWING SERVO CONTROLLER
08530	00	Patent Cooperation Treaty	MODEL VALIDATION ALGORITHM FOR CHARACTERIZING PARAMETERS AND UNCERTAINTY IN A DISC DRIVE
08531	00	Patent Cooperation Treaty	XOR SUPP. FOR OBJECT ORIENTED DISCS
08536	00	Patent Cooperation Treaty	CONSTANT DENSITY SERVO INFORMATION IN A DISC DRIVE
08539	00	Patent Cooperation Treaty	EFFICIENT BLOCK CODE IMPLEMENTATION
08540	00	Patent Cooperation Treaty	STATIC VITERBI DETECTOR
08541	00	Patent Cooperation Treaty	TEXTURING A ZONE TEXTURED DISC
08542	00	Patent Cooperation Treaty	IMPLEMENT. OBJ. ORIENT. ARCH. DISC
08546	00	Patent Cooperation Treaty	ROTARY RAMP LOAD OF R/W HEADS
08551	00	Patent Cooperation Treaty	DISK DRIVE SYSTEM AND METHODS WITH CARBON OVERCOAT FOR LOAD/UNLOAD APPLICATIONS
08559	00	Patent Cooperation Treaty	OBJECT RECONSTRUCTION ON OO DISCS

08561	00	Patent Cooperation Treaty	FILTER CAL. AND HEAD STABILITY DET.
08562	00	Patent Cooperation Treaty	METHOD AND APPARATUS FOR DETERMINING BIT ERROR RATE IN A SAMPLED DATA SYTEM WITHOUT REQUIRING READ CHANNEL CIRCUITRY
08568	00	Patent Cooperation Treaty	READER FOR A LOW-FLYING MAGNETORESISTIVE SENSOR
08572	00	Patent Cooperation Treaty	ULTRA HIGH PERFORMANCE DISC DRIVE
08573	00	Patent Cooperation Treaty	EXTENDED POSITION ERROR SIGNAL LINERARIZATION AND NORMALIZATION
08575	00	Patent Cooperation Treaty	APERTURE STOP FOR OPTICAL HEAD
08579	00	Patent Cooperation Treaty	OVERLAID MR STRUCTURE
08581	00	Patent Cooperation Treaty	APPARATUS AND METHOD FOR DIFFERENTIAL WAX-WANE FOCUSING AND PUSH-PULL TRACKING FOR MAGNETO-OPTICAL DATA STORAGE
08588	00	Patent Cooperation Treaty	METHOD FOR RETRIEVING PRODUCT INFO
08589	00	Patent Cooperation Treaty	REPEATED SERVO RUNOUT ERROR COMPENSATION IN A DISC DRIVE
08590	00	Patent Cooperation Treaty	ROTARY DISC DRIVE ACTUATOR UTILIZING PLURAL AXIALLY SPACED AND PARTIALLY OVERLAPPED VOICE COILS
08602	00	Patent Cooperation Treaty	HYBRID RAID SUPPORT
08603	00	Patent Cooperation Treaty	DETECTOR USING HIGH-ORDER FEEDBACK

TRADEMARK
REEL: 002548 FRAME: 0261

08624	00	Patent Cooperation Treaty	ALT RANDOMIZER SEED FOR DATA TRACKS
08629	00	Patent Cooperation Treaty	MODELING POSITION ERROR NONLINEARITY TO IMPROVE SERVO PERFORMANCE
08634	00	Patent Cooperation Treaty	COMPENSATION FOR REPEATABLE RUN-OUT ERROR
08642	00	Patent Cooperation Treaty	METHOD FOR THERMAL CROSSTALK CONTROL ON OPTICAL MEDIA
08644	00	Patent Cooperation Treaty	DED. FRAME BUFFER FOR FC LOOP INIT
08645	00	Patent Cooperation Treaty	DED. FRAME BUFFER FOR RCV FC FRAMES
08646	00	Patent Cooperation Treaty	USING FC CRC FOR DATA INTEGRITY
08648	00	Patent Cooperation Treaty	FULL AND HALF-RATE SSD FOR CHANNELS
08649	00	Patent Cooperation Treaty	MINIMIZING SETTLING TIME IN A DISC DRIVE SERVO SYSTEM
08676	00	Patent Cooperation Treaty	LOC. DEP. MTR CODE W/K CONSTRAINT
08698	00	Patent Cooperation Treaty	NEAR FIELD OPTICAL RECORDING HEADS
08707	00	Patent Cooperation Treaty	SIMULTANEOUS FIXATION OF THE MAGNETIZATION DIRECTION IN A DUAL GMR SENSOR'S PINNEY LAYERS
08708	00	Patent Cooperation Treaty	GMR SENSOR W/SELF SATURATED LAYER
08717	00	Patent Cooperation Treaty	PRESERVING LOOP FAIRNESS

TRADEMARK
REEL: 002548 FRAME: 0262

08755	00	Patent Cooperation Treaty	METHOD AND APPARATUS UTILIZING FIELD RATIOING DEMODULATION TECHNIQUES FOR A NULL-TYPE SERVO PATTERN
08756	00	Patent Cooperation Treaty	ASYNCHRONOUS ANALOG DEMODULATOR AND METHOD FOR A NULL-TYPE SERVO PATTERN
08757	00	Patent Cooperation Treaty	ASYNCHRONOUS DIGITAL DEMODULATOR AND METHOD FOR A NULL-TYPE SERVO PATTERN
08759	00	Patent Cooperation Treaty	Slider For Disc Storage System
08790	00	Patent Cooperation Treaty	DATA RATE OPTIMIZATION
08811	00	Patent Cooperation Treaty	NOTCH FILTERING AS USED IN A DISC DRIVE SERVO
08816	00	Patent Cooperation Treaty	ROTATIONAL VIBRATION DETECTION USING A VELOCITY SENSE COIL
08836	00	Patent Cooperation Treaty	CHARGE DRIVER FOR MICROACTUATOR
08837	00	Patent Cooperation Treaty	HDA DATA FLEX EXIT SUPPORT AND SEAL
08838	00	Patent Cooperation Treaty	LOW INDUCTANCE FLEX-TO-PCB CONNECT
08842	00	Patent Cooperation Treaty	RLL CODE W/SHORT INTERLEAVE CONST.
08843	00	Patent Cooperation Treaty	SYNCHRONOUS DIGITAL DEMODULATOR WITH INTEGRATED READ AND SERVO CHANNELS
08849	00	Patent Cooperation Treaty	USE MR READER TO DET. IF DEPOP HDA
08853	00	Patent Cooperation Treaty	ADAPTING SEEK VELOCITY PROFILE TO DESTINATION TRACK LOCATION

TRADEMARK
REEL: 002548 FRAME: 0263

08856	00	Patent Cooperation Treaty	COUNTER BALANCE DISK SPACER FOR HARD DISK DRIVES
08860	00	Patent Cooperation Treaty	REDUCING SENSOR TEMPERATURE IN MAGNETORESISTIVE RECORDING HEADS
08866	00	Patent Cooperation Treaty	CURRENT PROFILE SHAPING TO REDUCE DISC DRIVE AND SEEK TIME VARIATION AND ACOUSTIC NOISE GENERATION
08868	00	Patent Cooperation Treaty	FLEX SUPPORT SNUBBER
08876	00	Patent Cooperation Treaty	CONT. CONTROL OF MR HEAD POWER DIS.
08897	00	Patent Cooperation Treaty	CONCENTRIC SPACING OF VIRTUAL DATA TRACKS USING RUN-OUT COMPENSATION
08898	00	Patent Cooperation Treaty	MULTIPLE DEVICES SELECTED FAULT FEATURE FOR DATA INTEGRITY IN DISC DRIVE APPLICATIONS
08908	00	Patent Cooperation Treaty	RATE 24/25 RLL CODE W/HAMMING CONT.
08917	00	Patent Cooperation Treaty	ACTUATOR ASSEMBLY DEBRIS REDUCTION
08937	00	Patent Cooperation Treaty	EXTENDING ACTUATOR RANGE THROUGH MAGNETIC FLUX REVERSAL DETECTION
08949	00	Patent Cooperation Treaty	OPT. SHROUD CLEARANCE FOR MIN. WIND
08968	00	Patent Cooperation Treaty	OPTIMAL READER/WRITER OFFSETS AND WRITE FAULT THRESHOLDS IN A DISC DRIVE
09043	00	Patent Cooperation Treaty	DISC DRIVE MODEL REFERENCE SEEK ALGORITHM
09046	00	Patent Cooperation Treaty	METHOD AND APPARATUS FOR SERVO DATA SYNCHORNIZATION IN A DISC DRIVE

TRADEMARK
REEL: 002548 FRAME: 0264

09079	00	Patent Cooperation Treaty	METHOD AND APPARATUS FOR CORRECTING DIGITAL ASYMMETRIC READ SIGNALS
09108	00	Patent Cooperation Treaty	REDUCE SIDE READING IN SPIN VALVE
09154	00	Patent Cooperation Treaty	ACHIEVING AV PERFORMANCE WITH ATA DISC DRIVE
09183	10	Patent Cooperation Treaty	A DRIVE OPTIMIZED FOR AUDIO-VISIUAL DATA STORAGE
09217	00	Patent Cooperation Treaty	INJECTION MOLDED MAGMA WITH METAL BEAM INSERTS
09309	00	Patent Cooperation Treaty	High Data Rate Writer Poles
09439	00	Patent Cooperation Treaty	DUAL SPIN VALVE MAGNETORESISTIVE SENSOR
09568	00	Patent Cooperation Treaty	A DISC DRIVE WITH SUB-SURFACE SERPENTINE TRACK FORMATTING
10090	00	Patent Cooperation Treaty	AIRFLOW REGULATING FEATURES TO HELP REDUCE AIRFLOW INDUCED VIBRATION ON SUSPENSION ARMS
10231	00	Patent Cooperation Treaty	ONE TIME STACK OR DRIVE LEVEL FLY HEIGHT ADJUST USING SMA
10245	00	Patent Cooperation Treaty	Protective Cover to Improve Shock Robustness
10454	00	Patent Cooperation Treaty	AIR BEARING DESIGNS TO REDUCE PARTICLE SENSITIVITY AT HIGH SKEWS
01150	10	Portugal	METHOD FOR MFG. M.I.G. FLUX GAP
04155	00	Portugal	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Portugal	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE

TRADEMARK
REEL: 002548 FRAME: 0265

04162	00	Portugal	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Portugal	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Portugal	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Portugal	DATA TRANSFER SYSTEM
04167	00	Portugal	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Portugal	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Portugal	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Portugal	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
02252	00	Russia	DISC CLAMP AND SPACER
08104	00	Russia	IMPROVED TRANSDUCER SETTLE METHOD FOR A HARD DISC DRIVE
08207	00	Russia	AMORPHOUS PERMALLOY FILMS AND METHOD OF PREPARING THE SAME
08213	00	Russia	REGULATED INVERTING POWER SUPPLY
00897	40	Singapore	
00976	00	Singapore	HEAD/DISK TEST
00992	00	Singapore	ON THE FLY ERROR CORRECTION
01111	00	Singapore	ELECTRONIC FLYING INTEGRITY TESTER
01117	00	Singapore	DISK DRIVE ROTARY ACTUATOR
01124	00	Singapore	METASTABLE PREVENT CIRCUIT
01125	00	Singapore	SERVO ADDRESS SYSTEM
01126	00	Singapore	OFFSET NULLING SYSTEM
01131	00	Singapore	MOTOR CONTROL SYSTEM
01135	00	Singapore	FLEXIBLE MOUNT PCB
01150	10	Singapore	METHOD FOR MFG. M.I.G. FLUX GAP
01164	00	Singapore	LASER PRODUCED TEXTURE
01169	00	Singapore	ACTUATOR MOUNT FOR DISKDRIVES

TRADEMARK
REEL: 002548 FRAME: 0266

01170	00	Singapore	GANGED DATA ARM THERMAL ALIGNMENT
01175	00	Singapore	TRI-LEVEL PULSE DETECTION
01175	10	Singapore	TRI-LEVEL PULSE DETECTION
02005	00	Singapore	DISC DRIVE LINEAR ACTUATOR
02006	00	Singapore	HELICAL BAND DRIVE
02006	10	Singapore	HELICAL BAND DRIVE
02012	00	Singapore	BI COMPLIANT ROTOR STEPPER MOTOR
02018	00	Singapore	THERMAL OFFSET COMPENSATION
02019	00	Singapore	BACK-EMF-STEPPER MOTOR HEAD PARKING
02023	00	Singapore	NONDESTRUCTIVE DISC MAGN. TEST
02027	00	Singapore	BIPOLAR MOTOR CONTROL
02028	00	Singapore	ENCAPSULATED STEPPER MOTOR
02035	00	Singapore	WEAR COMPENSATION FOR PIVOTED ARM
02040	00	Singapore	INFORMATION STORAGE DISC
02047	00	Singapore	CRASH STOP & MAGNETIC LATCH
02052	00	Singapore	PIVOT MECHANISM FOR ROTARY DISC DRIVE
02053	00	Singapore	BACKBONE GASKET FOR DISC DRIVES
02054	00	Singapore	FLEXURE MOUNT FOR DISC DRIVES
02063	00	Singapore	ACTUATOR ARM FOR A DISC DRIVE
02097	00	Singapore	SINGLE CHIP SCSI DISC CONTROLLER
02098	00	Singapore	TUNED RING OSCILLATOR
02105	00	Singapore	DEFECT MANAGEMENT SCHEME
02129	00	Singapore	DUAL PIVOT DISC DRIVE
02137	01	Singapore	MINITURE HARD DISK DRIVE SYSTEM
02138	00	Singapore	DISC DRIVE GASKET AND MATERIAL
02141	00	Singapore	SHAPE-MEMORY HEAD LIFTER
02172	00	Singapore	A SEMICONDUCTOR DEVICE FABRICATION
02311	00	Singapore	CIRCUIT AND METHOD FOR LOCATING DATA SECOTRS IN EMBEDDED SERVO HARD DISC DRIVES
02369	00	Singapore	APPLYING A RAMPED VOLTAGE SOURCE ACROSS AN ACTUATOR COIL TO RETRACT A DISC DRIVE ACTUATOR
02507	00	Singapore	MR HEAD WITH MRE/SPACER/SAL LAYERS
04042	00	Singapore	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL

TRADEMARK
REEL: 002548 FRAME: 0267

04054	00	Singapore	DISK DRIVE ARCHITECTURE
04056	00	Singapore	LATCH MECHANISM FOR DISK DRIVES
04076	00	Singapore	STABILIZED DISK DRIVE SPIN MOTOR
04077	00	Singapore	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR
04079	00	Singapore	MULTIPLE ACTUATOR DISK DRIVE
04102	00	Singapore	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04189	00	Singapore	DYNAMIC BUFFER CHAMBER
04191	00	Singapore	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04197	00	Singapore	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04198	00	Singapore	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04199	00	Singapore	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04205	00	Singapore	DUAL MEMBER DISK CLAMP
04209	00	Singapore	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
04214	00	Singapore	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
04215	00	Singapore	TRANSPORT SYSTEM FOR THIN FILM SPUTTERING SYSTEM
08000	00	Singapore	PC/AT PROM W/ CONFIG. HD TABLE
08022	00	Singapore	MOTOR BRAKE CIRCUIT
08042	00	Singapore	ADAPTIVE VELOCITY LOOP GAIN COMP.
08042	10	Singapore	ADAPTIVE VELOCITY LOOP GAIN COMP.
08051	00	Singapore	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	10	Singapore	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	20	Singapore	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08061	00	Singapore	LOAD BEAM WIRE ROUTE

TRADEMARK
REEL: 002548 FRAME: 0268

08061	10	Singapore	LOAD BEAM WIRE ROUTE
08063	00	Singapore	ACTUATOR COIL
08067	00	Singapore	SWAGE METHOD
08075	00	Singapore	ADAPTIVE WINDOW CENTERING
08207	00	Singapore	AMORPHOUS PERMALLOY FILMS AND METHOD OF PREPARING THE SAME
08338	00	Singapore	THIN FILM MR HEAD W/SMOOTH HEAD
08427	00	Singapore	FREQUENCY MODULATION CIRCUIT
08473	00	Singapore	DUAL LAYER MAGNETIC EXCHANGE STABILIZATION FOR MR HEADS
08529	00	Singapore	DISC DRIVE WITH ROBUST TRACK FOLLOWING SERVO CONTROLLER
08561	00	Singapore	FILTER CAL. AND HEAD STABILITY DET.
08568	00	Singapore	READER FOR A LOW-FLYING MAGNETORESISTIVE SENSOR
08589	00	Singapore	REPEATED SERVO RUNOUT ERROR COMPENSATION IN A DISC DRIVE
08897	00	Singapore	CONCENTRIC SPACING OF VIRTUAL DATA TRACKS USING RUN-OUT COMPENSATION
09091	00	Singapore	ACTUATOR LATCH FOR DISC DRIVE
09459	00	Singapore	INTEGRATED COVER/GASKET ASSEMBLY
09747	00	Singapore	SELF ALIGNING LOW PROFILE PIVOT CARTRIDGE FOR DISK DRIVE
09905	00	Singapore	OFF TRACK WRITE, ON TRACK READ SCHEME
10284	00	Singapore	Method and Apparatus to Reinforce Disc
00403	00	South Africa	MAGNETIC RECORD MEMBERS
00413	00	South Africa	MAGNETIC OXIDE COATING
00417	00	South Africa	MINIATURE MAGNETIC HEAD
00418	00	South Africa	MULTIPLE MAGNETIC HEAD
00420	00	South Africa	TRANSDUCING HEAD ASSEMBLY
00421	00	South Africa	INTERCHANGEABLE DISK ASSEMBLY
00423	00	South Africa	MAGNETIC DISK CALIBRATION TRACK
00424	00	South Africa	DISK RANDOM ACCESS MEMORY SYSTEM
00425	00	South Africa	ELECTROLESS DEPOSIT. MAG. FILM
01008	00	South Korea	CONTROL YIELD DISTRIUTION
01175	00	South Korea	TRI-LEVEL PULSE DETECTION
02002	00	South Korea	CRASH STOP AND TRACK 0 SENSOR
02006	00	South Korea	HELICAL BAND DRIVE
02007	00	South Korea	STRAIGHT ARM ROTARY ACTUATOR

TRADEMARK
REEL: 002548 FRAME: 0269

02022	00	South Korea	CAR. LOCK W/ SHOCK COUNTERWEIGHT
02025	00	South Korea	DUAL TRACK SERVO SYSTEM
02027	00	South Korea	BIPOLAR MOTOR CONTROL
02028	00	South Korea	ENCAPSULATED STEPPER MOTOR
02035	00	South Korea	WEAR COMPENSATION FOR PIVOTED ARM
02037	00	South Korea	SAFETY LATCH W/SHAPE MEMORY METALS
02040	00	South Korea	INFORMATION STORAGE DISC
02043	00	South Korea	VOICE COIL POSITIONING AMPLIFIER
02044	00	South Korea	SWITCHED POWER SUPPLY
02045	00	South Korea	IPS, SW. MODE PW. SUP. CONTROLLER
02056	00	South Korea	STEPPER MOTOR TORQUE VARIANCE
02060	00	South Korea	LOW PROFILE SERVO ACTUATOR
02063	00	South Korea	ACTUATOR ARM FOR A DISC DRIVE
02067	00	South Korea	IN LINE DISK SPUTTERING SYSTEM
02105	00	South Korea	DEFECT MANAGEMENT SCHEME
02141	00	South Korea	SHAPE-MEMORY HEAD LIFTER
02280	00	South Korea	LINEAR ACTUATOR FOR DISC DRIVE
02313	00	South Korea	PHASE INVARIANT TRELLIS CODES
02369	00	South Korea	APPLYING A RAMPED VOLTAGE SOURCE ACROSS AN ACTUATOR COIL TO RETRACT A DISC DRIVE ACTUATOR
02378	00	South Korea	LUBRICANTS FOR MINATURE BEARINGS
02384	00	South Korea	DISC DRIVE SYSTEM USING MULTIPLE PAIRS OF EMBEDDED SERVO BURSTS
02507	00	South Korea	MR HEAD WITH MRE/SPACER/SAL LAYERS
02804	00	South Korea	PARTICLE FREE SHIELD ASSEMBLY
04054	00	South Korea	DISK DRIVE ARCHITECTURE
04056	00	South Korea	LATCH MECHANISM FOR DISK DRIVES
04060	00	South Korea	LOW HEIGHT DISK DRIVE
04070	00	South Korea	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04073	00	South Korea	DISK CENTERING METHOD AND APPARATUS FOR CENTERING DISKS FOR DISK DRIVES
04077	00	South Korea	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR
04079	00	South Korea	MULTIPLE ACTUATOR DISK DRIVE

TRADEMARK
REEL: 002548 FRAME: 0270

04081	00	South Korea	UNDER-THE-HUB DISK DRIVE SPIN MOTOR
04083	00	South Korea	DISK DRIVE APPARATUS
04099	00	South Korea	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04118	00	South Korea	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04134	00	South Korea	THIN LINE MICRO HARD DISK ARCHITECTURE
04149	00	South Korea	METHOD AND APPARATUS EMPLOYING SYSTEM FOR RECIRCULATING LIQUID IN A CONTROLLED ENVIRONMENT
04150	00	South Korea	LUBRICATED DISK DRIVE
04152	00	South Korea	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04161	00	South Korea	HIGH CAPACITY TWO AND ONE-HALF INCH DISK DRIVE
04167	00	South Korea	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04168	00	South Korea	A FLASH SOLID STATE DRIVE THAT EMULATES A DISK DRIVE AND STORES VARIABLE LENGTH AND FIXED LENGTH DATA BLOCKS (AS AMENDED)
04170	00	South Korea	FLASH SOLID STATE DRIVE
04181	00	South Korea	CSI-COUPLED MODULE FOR MONITORING AND CONTROLLING SCSI-COUPLED RAID BANK AND BANK ENVIRONMENT
04189	00	South Korea	DYNAMIC BUFFER CHAMBER
04197	00	South Korea	METHOD FOR DETERMINING AN OUTER DIAMETER ROLLOFF IN A PROCESS FOR MAKING MAGNETIC DISKS
04198	00	South Korea	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04199	00	South Korea	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04209	00	South Korea	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES

TRADEMARK
REEL: 002548 FRAME: 0271

04214	00	South Korea	SYSTEM AND METHOD FOR CALIBRATION OF A READ/WRITE CHANNEL
04215	00	South Korea	TRANSPORT SYSTEM FOR THIN FILM SPUTTERING SYSTEM
08272	10	South Korea	ESD GROUNDING DEVICE
08273	00	South Korea	SLIDER FOR PROXIMITY RECORDING
08338	00	South Korea	THIN FILM MR HEAD W/SMOOTH HEAD
08347	00	South Korea	DISC DRIVE SERVO SYSTEM WITH DUAL HEAD SAMPLING
08427	00	South Korea	FREQUENCY MODULATION CIRCUIT
08473	00	South Korea	DUAL LAYER MAGNETIC EXCHANGE STABILIZATION FOR MR HEADS
08529	00	South Korea	DISC DRIVE WITH ROBUST TRACK FOLLOWING SERVO CONTROLLER
08561	00	South Korea	FILTER CAL. AND HEAD STABILITY DET.
08568	00	South Korea	READER FOR A LOW-FLYING MAGNETORESISTIVE SENSOR
08589	00	South Korea	REPEATED SERVO RUNOUT ERROR COMPENSATION IN A DISC DRIVE
08897	00	South Korea	CONCENTRIC SPACING OF VIRTUAL DATA TRACKS USING RUN-OUT COMPENSATION
09091	00	South Korea	ACTUATOR LATCH FOR DISC DRIVE
00423	00	Spain	MAGNETIC DISK CALIBRATION TRACK
00426	00	Spain	HIGH RECORDING DENSITY MAG. MEDIA
04068	00	Spain	DISK DRIVE APPARATUS
04070	00	Spain	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Spain	DISK DRIVE APPARATUS
04102	00	Spain	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Spain	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Spain	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Spain	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS

TRADEMARK
REEL: 002548 FRAME: 0272

04163	00	Spain	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Spain	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Spain	DATA TRANSFER SYSTEM
04167	00	Spain	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Spain	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Spain	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Spain	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
00035	00	Sweden	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	Sweden	MULTI-PROCESSOR USING TIME-SHARING
00037	00	Sweden	HIGH SPEED DIVIDER
00163	00	Sweden	MECHANICAL CODING AND SORTING
00166	00	Sweden	HIGH SPEED OPTICAL IDENTIFICATION
00404	00	Sweden	MAGNETIC RECORD MEMBERS
00417	00	Sweden	MINIATURE MAGNETIC HEAD
00419	00	Sweden	MAGNETIC DISK MEMORY ASSEMBLY
00422	00	Sweden	MAGNETIC TRANSDUCER HEAD ASSEMBLY
02004	00	Sweden	DISK DRIVE TEMP. COMPENSATION
02005	00	Sweden	DISC DRIVE LINEAR ACTUATOR
02006	00	Sweden	HELICAL BAND DRIVE
04054	00	Sweden	DISK DRIVE ARCHITECTURE
04056	00	Sweden	LATCH MECHANISM FOR DISK DRIVES
04068	00	Sweden	DISK DRIVE APPARATUS
04070	00	Sweden	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Sweden	DISK DRIVE APPARATUS
04102	00	Sweden	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Sweden	MAGNETIC PARKING DEVICE FOR DISK DRIVE

TRADEMARK
REEL: 002548 FRAME: 0273

04160	00	Sweden	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Sweden	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Sweden	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Sweden	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Sweden	DATA TRANSFER SYSTEM
04167	00	Sweden	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Sweden	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Sweden	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Sweden	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
00165	00	Switzerland	OPTICAL CARD TRANSLATOR
00348	00	Switzerland	
00403	00	Switzerland	MAGNETIC RECORD MEMBERS
00404	00	Switzerland	MAGNETIC RECORD MEMBERS
00417	00	Switzerland	MINIATURE MAGNETIC HEAD
00418	00	Switzerland	MULTIPLE MAGNETIC HEAD
00420	00	Switzerland	TRANSDUCING HEAD ASSEMBLY
00421	00	Switzerland	INTERCHANGEABLE DISK ASSEMBLY
00422	00	Switzerland	MAGNETIC TRANSDUCER HEAD ASSEMBLY
00423	00	Switzerland	MAGNETIC DISK CALIBRATION TRACK
00424	00	Switzerland	DISK RANDOM ACCESS MEMORY SYSTEM
00429	00	Switzerland	MULTIPLE HEAD UNIT
01150	10	Switzerland	METHOD FOR MFG. M.I.G. FLUX GAP
04042	00	Switzerland	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04054	00	Switzerland	DISK DRIVE ARCHITECTURE
04056	00	Switzerland	LATCH MECHANISM FOR DISK DRIVES

TRADEMARK
REEL: 002548 FRAME: 0274

04070	00	Switzerland	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04083	00	Switzerland	DISK DRIVE APPARATUS
04102	00	Switzerland	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04155	00	Switzerland	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Switzerland	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Switzerland	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Switzerland	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04165	00	Switzerland	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Switzerland	DATA TRANSFER SYSTEM
04167	00	Switzerland	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Switzerland	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Switzerland	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Switzerland	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
01008	00	Taiwan	CONTROL YIELD DISTRIUTION
02006	00	Taiwan	HELICAL BAND DRIVE
02007	00	Taiwan	STRAIGHT ARM ROTARY ACTUATOR
02011	00	Taiwan	PREPENDICULAR RECORDING HEAD
02012	00	Taiwan	BI COMPLIANT ROTOR STEPPER MOTOR
02014	00	Taiwan	DISC MEMORY SERVO INDEXING SYSTEM
02016	00	Taiwan	VOICE COIL-BASE PLATE THERMAL ISOL.
02017	00	Taiwan	COMPACT VOICE COIL CARRIAGE
02018	00	Taiwan	THERMAL OFFSET COMPENSATION

TRADEMARK
REEL: 002548 FRAME: 0275

02019	00	Taiwan	BACK-EMF-STEPPER MOTOR HEAD PARKING
02020	00	Taiwan	DEFECT MAPPING
02021	00	Taiwan	OFFSET COMPENSATION (REF. 2020)
02022	00	Taiwan	CAR. LOCK W/ SHOCK COUNTERWEIGHT
02023	00	Taiwan	NONDESTRUCTIVE DISC MAGN. TEST
02025	00	Taiwan	DUAL TRACK SERVO SYSTEM
02027	00	Taiwan	BIPOLAR MOTOR CONTROL
02028	00	Taiwan	ENCAPSULATED STEPPER MOTOR
02029	00	Taiwan	STEPPER MOTOR HYSTERESIS ALGORITHM
02030	00	Taiwan	READING USING STEPPER MOTOR HYSTER.
02031	00	Taiwan	IMPROVED SPINDLE MOTOR FOR DISK
02032	00	Taiwan	PERPENDICULAR RECORDING HEAD
02035	00	Taiwan	WEAR COMPENSATION FOR PIVOTED ARM
02037	00	Taiwan	SAFETY LATCH W/SHAPE MEMORY METALS
02038	00	Taiwan	DISC CLAMPING DEVICE
02039	00	Taiwan	DISC HOUSING CLAMPING METHOD
02040	00	Taiwan	INFORMATION STORAGE DISC
02041	00	Taiwan	ELECTRONICALLY VARIABLE EQUALIZER
02042	00	Taiwan	RESISTANCE COMPENSATION IN A MOTOR
02043	00	Taiwan	VOICE COIL POSITIONING AMPLIFIER
02044	00	Taiwan	SWITCHED POWER SUPPLY
02045	00	Taiwan	IPS, SW. MODE PW. SUP. CONTROLLER
02046	00	Taiwan	AUTOMATIC DISC GAUGING & SORTING
02047	00	Taiwan	CRASH STOP & MAGNETIC LATCH
02048	00	Taiwan	HEAD ARM FLEXURE FOR DISC DRIVE
02050	00	Taiwan	TAPE WITHDRAWAL AND POSITIONING SYS
02051	00	Taiwan	TAPE GUIDE ARRANGEMENT
02052	00	Taiwan	PIVOT MECHANISM FOR ROTARY DISC DRIVE
02053	00	Taiwan	BACKBONE GASKET FOR DISC DRIVES
02054	00	Taiwan	FLEXURE MOUNT FOR DISC DRIVES
02055	00	Taiwan	AIR FILTRATION SYSTEM FOR DISC DRIV
02056	00	Taiwan	STEPPER MOTOR TORQUE VARIANCE

02063	00	Taiwan	ACTUATOR ARM FOR A DISC DRIVE
02105	00	Taiwan	DEFECT MANAGEMENT SCHEME
02107	00	Taiwan	SPINDLE MOTOR ASSEMBLY FOR DISC DRIVES
02134	00	Taiwan	ROTOR POSITION BY SENSITIVITY
02135	00	Taiwan	TIME DIFF. ROTOR POSITION DETECT
04068	00	Taiwan	DISK DRIVE APPARATUS
04083	02	Taiwan	DISK DRIVE APPARATUS
04083	01	Taiwan	DISK DRIVE APPARATUS
05007	00	Taiwan	COIL USE WITH MAGNETO-OPTICAL HEAD
05012	00	Taiwan	MAGNETO-OPTICAL COMPUTER MEMORY
08165	10	Taiwan	MAGNETIC RECORDING CHANNEL
00035	00	Thailand	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	Thailand	MULTI-PROCESSOR USING TIME-SHARING
00037	00	Thailand	HIGH SPEED DIVIDER
00041	00	Thailand	TWISTED PAIR TRANSMISSION SYSTEM
00042	00	Thailand	COAXIAL CABLE TRANSMISSION SYSTEM
00131	00	Thailand	ELECTRIC CIRCUIT COMPONENTS
00139	00	Thailand	LASER DEVICE
00163	00	Thailand	MECHANICAL CODING AND SORTING
00166	00	Thailand	HIGH SPEED OPTICAL IDENTIFICATION
00174	00	Thailand	FLUID PRESSURE DIGITAL COMPUTER
00205	00	Thailand	MULTI-LAYER PRINTED CIRCUIT BOARD
00517	00	Thailand	THROAT HEIGHT REF. FOR MONO. FER. H
00975	00	Thailand	ZONE BIT RECORDING, VERS. 1
00987	00	Thailand	NEGATIVE PRESSURE AIR BEARING
01085	00	Thailand	HOUR-GLASS DISK HEAD SLIDER
01097	00	Thailand	COFEB THIN FILM HEAD CORE
01164	00	Thailand	LASER PRODUCED TEXTURE
01175	00	Thailand	TRI-LEVEL PULSE DETECTION
02000	00	Thailand	EVALUATING RECORDING SYSTEMS
02002	00	Thailand	CRASH STOP AND TRACK 0 SENSOR
02003	00	Thailand	DISC DRIVE CARTRIDGE LOADER
02004	00	Thailand	DISK DRIVE TEMP. COMPENSATION
02005	00	Thailand	DISC DRIVE LINEAR ACTUATOR
02006	00	Thailand	HELICAL BAND DRIVE

TRADEMARK
REEL: 002548 FRAME: 0277

02006	10	Thailand	HELICAL BAND DRIVE
02006	00	Thailand	HELICAL BAND DRIVE
02007	00	Thailand	STRAIGHT ARM ROTARY ACTUATOR
02011	00	Thailand	PREPENDICULAR RECORDING HEAD
02012	00	Thailand	BI COMPLIANT ROTOR STEPPER MOTOR
02014	00	Thailand	DISC MEMORY SERVO INDEXING SYSTEM
02016	00	Thailand	VOICE COIL-BASE PLATE THERMAL ISOL.
02017	00	Thailand	COMPACT VOICE COIL CARRIAGE
02018	00	Thailand	THERMAL OFFSET COMPENSATION
02019	00	Thailand	BACK-EMF-STEPPER MOTOR HEAD PARKING
02020	00	Thailand	DEFECT MAPPING
02022	00	Thailand	CAR. LOCK W/ SHOCK COUNTERWEIGHT
02023	00	Thailand	NONDESTRUCTIVE DISC MAGN. TEST
02025	00	Thailand	DUAL TRACK SERVO SYSTEM
02027	00	Thailand	BIPOLAR MOTOR CONTROL
02028	00	Thailand	ENCAPSULATED STEPPER MOTOR
02031	00	Thailand	IMPROVED SPINDLE MOTOR FOR DISK
02032	00	Thailand	PERPENDICULAR RECORDING HEAD
02035	00	Thailand	WEAR COMPENSATION FOR PIVOTED ARM
02037	00	Thailand	SAFETY LATCH W/SHAPE MEMORY METALS
02040	00	Thailand	INFORMATION STORAGE DISC
02042	00	Thailand	RESISTANCE COMPENSATION IN A MOTOR
02043	00	Thailand	VOICE COIL POSITIONING AMPLIFIER
02044	00	Thailand	SWITCHED POWER SUPPLY
02045	00	Thailand	IPS, SW. MODE PW. SUP. CONTROLLER
02047	00	Thailand	CRASH STOP & MAGNETIC LATCH
02048	00	Thailand	HEAD ARM FLEXURE FOR DISC DRIVE
02049	00	Thailand	DISC CLAMP
02052	00	Thailand	PIVOT MECHANISM FOR ROTARY DISC DRIVE
02053	00	Thailand	BACKBONE GASKET FOR DISC DRIVES
02054	00	Thailand	FLEXURE MOUNT FOR DISC DRIVES
02055	00	Thailand	AIR FILTRATION SYSTEM FOR DISC DRIV
02056	00	Thailand	STEPPER MOTOR TORQUE VARIANCE
02060	00	Thailand	LOW PROFILE SERVO ACTUATOR

TRADEMARK
REEL: 002548 FRAME: 0278

02061	00	Thailand	COMPACT DISC INSERTION AND EJECTION
02063	00	Thailand	ACTUATOR ARM FOR A DISC DRIVE
02074	00	Thailand	FIXED DISC ASSEMBLY & CLEAN AIR SYS
02075	00	Thailand	HARD DISC AND R/W HEAD ACTUATOR
02076	00	Thailand	DISC DRIVE ASSEMBLY
02098	00	Thailand	TUNED RING OSCILLATOR
02105	00	Thailand	DEFECT MANAGEMENT SCHEME
02105	00	Thailand	DEFECT MANAGEMENT SCHEME
02107	00	Thailand	SPINDLE MOTOR ASSEMBLY FOR DISC DRIVES
02115	00	Thailand	INDIRECT MOTOR POSITION DETECTION
02115	00	Thailand	INDIRECT MOTOR POSITION DETECTION
02129	00	Thailand	DUAL PIVOT DISC DRIVE
02135	00	Thailand	TIME DIFF. ROTOR POSITION DETECT
02141	00	Thailand	SHAPE-MEMORY HEAD LIFTER
02141	00	Thailand	SHAPE-MEMORY HEAD LIFTER
02172	00	Thailand	A SEMICONDUCTOR DEVICE FABRICATION
02191	00	Thailand	SHOCK DETECTOR
02218	00	Thailand	HEAD FLEXURE ASM. FOR LOWEST DISC
04042	00	Thailand	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04054	00	Thailand	DISK DRIVE ARCHITECTURE
04056	00	Thailand	LATCH MECHANISM FOR DISK DRIVES
04060	00	Thailand	LOW HEIGHT DISK DRIVE
04061	00	Thailand	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04064	00	Thailand	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04065	00	Thailand	VOICE COIL ACTIVATED DISK DRIVE PARKING DEVICE WITH MAGNETIC BIAS
04068	00	Thailand	DISK DRIVE APPARATUS
04070	00	Thailand	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04075	00	Thailand	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE

TRADEMARK
REEL: 002548 FRAME: 0279

04076	00	Thailand	STABILIZED DISK DRIVE SPIN MOTOR
04077	00	Thailand	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR
04078	00	Thailand	DISK DRIVE SYSTEM EMPLOYING ADAPTIVE READ/WRITE CHANNEL CONTROLS AND METHOD OF USING SAME
04079	00	Thailand	MULTIPLE ACTUATOR DISK DRIVE
04080	00	Thailand	MULTIPLE ACTUATOR DISK DRIVE
04081	00	Thailand	UNDER-THE-HUB DISK DRIVE SPIN MOTOR
04083	00	Thailand	DISK DRIVE APPARATUS
04102	00	Thailand	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04110	00	Thailand	LOW NOISE SPIN MOTOR FOR USE IN DISK DRIVE
04113	00	Thailand	DISK DRIVE DATA PATH INTEGRITY CONTROL ARCHITECTURE
04118	00	Thailand	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04119	00	Thailand	HIGH PERFORMANCE DISK DRIVE ARCHITECTURE
04120	00	Thailand	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04132	00	Thailand	1.8" WINCHESTER DRIVE CARD
04134	00	Thailand	THIN LINE MICRO HARD DISK ARCHITECTURE
04151	00	Thailand	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04152	00	Thailand	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04155	00	Thailand	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	Thailand	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	Thailand	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	Thailand	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE

TRADEMARK
REEL: 002548 FRAME: 0280

04165	00	Thailand	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	Thailand	DATA TRANSFER SYSTEM
04167	00	Thailand	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	Thailand	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	Thailand	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	Thailand	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
08000	00	Thailand	PC/AT PROM W/ CONFIG. HD TABLE
08017	00	Thailand	TFH IMAGE REVERSAL PHOTORESIST
08047	00	Thailand	DATA FILL FOR PARALLEL TRANSF DRIVE
08048	00	Thailand	TWO TERMINAL HAMMERHEAD MR SENSOR
08051	10	Thailand	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08057	00	Thailand	DISK ARRAY ERROR DEFERRAL METHOD
08060	00	Thailand	REDUCED TORQUE RIPPLE MOTOR
08061	00	Thailand	LOAD BEAM WIRE ROUTE
08061	00	Thailand	LOAD BEAM WIRE ROUTE
08063	00	Thailand	ACTUATOR COIL
08067	00	Thailand	SWAGE METHOD
08067	00	Thailand	SWAGE METHOD
08070	00	Thailand	MEMORY METAL DATA ARM DEFLECTOR
08128	00	Thailand	PCC CONNECTOR REMOVAL TOOL
08129	00	Thailand	ID DISC VACUUM PICK UP TOOL FOR
08272	00	Thailand	ESD GROUNDING DEVICE
00001	00	United Kingdom	BI-LEVEL AMPLIFIER & CONTROL DEVICE
00003	00	United Kingdom	DIGITAL COMMUNICATIONS SYSTEM
00007	00	United Kingdom	VACUUM TAPE SCRAPER

TRADEMARK
REEL: 002548 FRAME: 0281

00010	00	United Kingdom	PHASE INVERTING DIRECT CURRENT AMP
00011	00	United Kingdom	PULSE RESYNCHRONIZING SYSTEM
00012	00	United Kingdom	HIGH SPEED SCANNER AND RESERVATION
00013	00	United Kingdom	BORROW PYRAMID
00015	00	United Kingdom	TRANSFORMER SWITCHING MATRIX
00016	00	United Kingdom	HIGH SPEED MULTIPLICATION DEVICE
00031	00	United Kingdom	POLARIZED HARMONIC RELAY
00032	00	United Kingdom	ELECTRONIC DISPLAY SYSTEM
00033	00	United Kingdom	DATA EXCHANGER
00035	00	United Kingdom	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	United Kingdom	MULTI-PROCESSOR USING TIME-SHARING
00037	00	United Kingdom	HIGH SPEED DIVIDER
00039	00	United Kingdom	PLUGGABLE MEMORY MODULE
00040	00	United Kingdom	COOLING SYSTEM FOR DP EQUIPMENT
00041	00	United Kingdom	TWISTED PAIR TRANSMISSION SYSTEM
00042	00	United Kingdom	COAXIAL CABLE TRANSMISSION SYSTEM
00059	00	United Kingdom	AUTO CARD READER - SEE US 3,512,139
00093	00	United Kingdom	DISK FILE AND ACTUATOR
00138	00	United Kingdom	SYNCHRONIZED COMMUNICATIONS SYSTEM
00139	00	United Kingdom	LASER DEVICE
00176	00	United Kingdom	COMPATIBLE AIRBORNE NAVIGATION
00205	00	United Kingdom	MULTI-LAYER PRINTED CIRCUIT BOARD

TRADEMARK
REEL: 002548 FRAME: 0282

00207	00	United Kingdom	SYNC COMM - SEE DKT 138
00207	10	United Kingdom	SYNC COMM - SEE DKT 138
00207	20	United Kingdom	SYNC COMM - SEE DKT 138
00221	00	United Kingdom	GAS DISCHARGE DISPLAY
00245	00	United Kingdom	SYNC COM & NAV-SEE DKT 207
00403	00	United Kingdom	MAGNETIC RECORD MEMBERS
00404	00	United Kingdom	MAGNETIC RECORD MEMBERS
00413	00	United Kingdom	MAGNETIC OXIDE COATING
00414	00	United Kingdom	PLATING BATH & MAG. FILM DEPOSIT.
00417	00	United Kingdom	MINIATURE MAGNETIC HEAD
00418	00	United Kingdom	MULTIPLE MAGNETIC HEAD
00420	00	United Kingdom	TRANSDUCING HEAD ASSEMBLY
00421	00	United Kingdom	INTERCHANGEABLE DISK ASSEMBLY
00422	00	United Kingdom	MAGNETIC TRANSDUCER HEAD ASSEMBLY
00423	00	United Kingdom	MAGNETIC DISK CALIBRATION TRACK
00424	00	United Kingdom	DISK RANDOM ACCESS MEMORY SYSTEM
00425	00	United Kingdom	ELECTROLESS DEPOSIT. MAG. FILM
00426	00	United Kingdom	HIGH RECORDING DENSITY MAG. MEDIA
00503	00	United Kingdom	THERMALLY STABILIZED ENCLOSURE
00517	00	United Kingdom	THROAT HEIGHT REF. FOR MONO. FER. H
00558	00	United Kingdom	CUTTING NARROW TRACK FERRITE HEADS
00558	10	United Kingdom	CUTTING NARROW TRACK FERRITE HEADS

TRADEMARK
REEL: 002548 FRAME: 0283

00573	00	United Kingdom	DISK MEMORY MODULE
00577	00	United Kingdom	SEEK CONTROL LOWERS LARGE SEEK GAIN
00596	00	United Kingdom	MAGNETIC HEADS
00688	00	United Kingdom	QUICK DISCONNECT PACK
00689	00	United Kingdom	DIGITAL SPEED CONTROL
00717	00	United Kingdom	CARTRIDGE LOAD MECHANISM
00727	00	United Kingdom	WORKPIECE CARRIER
00740	00	United Kingdom	SELF-LOADING MAGNETIC HEAD SLIDER
00741	00	United Kingdom	LIFT OFF FEATURE DEFINITION
00742	00	United Kingdom	SIGNAL RECOVERY CIRCUIT
00746	00	United Kingdom	PNEUMATIC CARTRIDGE SEAL
00763	00	United Kingdom	CALIBRATING MACHINE SENSOR
00765	00	United Kingdom	FLUID FILTER CARTRIDGE
00768	00	United Kingdom	VIBRATION DAMPER
00772	00	United Kingdom	HAMMERHEAD MR SENSOR
00772	10	United Kingdom	HAMMERHEAD MR SENSOR
00817	00	United Kingdom	THIN FILM HEAD FOR RECORDING
00818	00	United Kingdom	HIGH SPEED COATING PROCESS
00819	00	United Kingdom	FABRICATING NPAB SLIDERS
00848	00	United Kingdom	SEE DKT 818, DISK STRIPPING PROCESS
00885	00	United Kingdom	ADJUSTABLE, DEGAUSSER
00905	00	United Kingdom	PARITY DRIVE FOR DISK ARRAY

TRADEMARK
REEL: 002548 FRAME: 0284

00913	00	United Kingdom	FUNCTIONALIZED LUBE FOR DISK
00921	00	United Kingdom	DIGITAL ACTUATOR VELOCITY CONTROL
00938	20	United Kingdom	ORIGINAL US CASE, FLASH PROJECTILE
00952	00	United Kingdom	ELECTRO-MECHANICAL INTERGRATOR
00970	10	United Kingdom	VELOCITY FROM TRI-PHASE SERVO
00977	00	United Kingdom	LOW DIFFUS. DISK DR. BREATHER VENT
00992	00	United Kingdom	ON THE FLY ERROR CORRECTION
01030	00	United Kingdom	DOUBLE FIFTY CONNECTOR
01047	00	United Kingdom	ADAPTIVE VELOCITY PROFILE
01111	00	United Kingdom	ELECTRONIC FLYING INTEGRITY TESTER
01117	00	United Kingdom	DISK DRIVE ROTARY ACTUATOR
01124	00	United Kingdom	METASTABLE PREVENT CIRCUIT
01127	00	United Kingdom	ADAPTIVE VELOCITY DD HEAD
01164	00	United Kingdom	LASER PRODUCED TEXTURE
01169	00	United Kingdom	ACTUATOR MOUNT FOR DISKDRIVES
01170	00	United Kingdom	GANGED DATA ARM THERMAL ALIGNMENT
01175	00	United Kingdom	TRI-LEVEL PULSE DETECTION
02000	00	United Kingdom	EVALUATING RECORDING SYSTEMS
02002	00	United Kingdom	CRASH STOP AND TRACK 0 SENSOR
02003	00	United Kingdom	DISC DRIVE CARTRIDGE LOADER
02004	00	United Kingdom	DISK DRIVE TEMP. COMPENSATION
02005	00	United Kingdom	DISC DRIVE LINEAR ACTUATOR

TRADEMARK
REEL: 002548 FRAME: 0285

02006	00	United Kingdom	HELICAL BAND DRIVE
02006	10	United Kingdom	HELICAL BAND DRIVE
02012	00	United Kingdom	BI COMPLIANT ROTOR STEPPER MOTOR
02018	00	United Kingdom	THERMAL OFFSET COMPENSATION
02018	10	United Kingdom	THERMAL OFFSET COMPENSATION
02019	00	United Kingdom	BACK-EMF-STEPPER MOTOR HEAD PARKING
02023	00	United Kingdom	NONDESTRUCTIVE DISC MAGN. TEST
02027	00	United Kingdom	BIPOLAR MOTOR CONTROL
02028	00	United Kingdom	ENCAPSULATED STEPPER MOTOR
02035	00	United Kingdom	WEAR COMPENSATION FOR PIVOTED ARM
02043	00	United Kingdom	VOICE COIL POSITIONING AMPLIFIER
02045	00	United Kingdom	IPS, SW. MODE PW. SUP. CONTROLLER
02047	00	United Kingdom	CRASH STOP & MAGNETIC LATCH
02049	00	United Kingdom	DISC CLAMP
02052	00	United Kingdom	PIVOT MECHANISM FOR ROTARY DISC DRIVE
02053	00	United Kingdom	BACKBONE GASKET FOR DISC DRIVES
02054	00	United Kingdom	FLEXURE MOUNT FOR DISC DRIVES
02055	00	United Kingdom	AIR FILTRATION SYSTEM FOR DISC DRIV
02061	00	United Kingdom	COMPACT DISC INSERTION AND EJECTION
02063	00	United Kingdom	ACTUATOR ARM FOR A DISC DRIVE
02074	00	United Kingdom	FIXED DISC ASSEMBLY & CLEAN AIR SYS
02075	00	United Kingdom	HARD DISC AND R/W HEAD ACTUATOR

02076	00	United Kingdom	DISC DRIVE ASSEMBLY
02098	00	United Kingdom	TUNED RING OSCILLATOR
02105	00	United Kingdom	DEFECT MANAGEMENT SCHEME
02129	00	United Kingdom	DUAL PIVOT DISC DRIVE
02141	00	United Kingdom	SHAPE-MEMORY HEAD LIFTER
02172	00	United Kingdom	A SEMICONDUCTOR DEVICE FABRICATION
02191	00	United Kingdom	SHOCK DETECTOR
02370	00	United Kingdom	MR PREAMPLIFIER
02476	00	United Kingdom	CONICAL HYDRODYNAMIC BEARING
04042	00	United Kingdom	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04054	00	United Kingdom	DISK DRIVE ARCHITECTURE
04056	00	United Kingdom	LATCH MECHANISM FOR DISK DRIVES
04060	00	United Kingdom	LOW HEIGHT DISK DRIVE
04061	00	United Kingdom	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04064	00	United Kingdom	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04065	00	United Kingdom	VOICE COIL ACTIVATED DISK DRIVE PARKING DEVICE WITH MAGNETIC BIAS
04070	00	United Kingdom	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04075	00	United Kingdom	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04076	00	United Kingdom	STABILIZED DISK DRIVE SPIN MOTOR
04077	00	United Kingdom	DISK DRIVE SERVO SYSTEM USING GAIN LIMITED HIGH-FREQUENCY TRACK-FOLLOWING COMPENSATOR

TRADEMARK
REEL: 002548 FRAME: 0287

04078	00	United Kingdom	DISK DRIVE SYSTEM EMPLOYING ADAPTIVE READ/WRITE CHANNEL CONTROLS AND METHOD OF USING SAME
04079	00	United Kingdom	MULTIPLE ACTUATOR DISK DRIVE
04080	00	United Kingdom	MULTIPLE ACTUATOR DISK DRIVE
04083	00	United Kingdom	DISK DRIVE APPARATUS
04099	00	United Kingdom	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04102	00	United Kingdom	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04113	00	United Kingdom	DISK DRIVE DATA PATH INTEGRITY CONTROL ARCHITECTURE
04118	00	United Kingdom	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04119	00	United Kingdom	HIGH PERFORMANCE DISK DRIVE ARCHITECTURE
04120	00	United Kingdom	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04134	00	United Kingdom	THIN LINE MICRO HARD DISK ARCHITECTURE
04151	00	United Kingdom	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04152	00	United Kingdom	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04155	00	United Kingdom	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04160	00	United Kingdom	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04162	00	United Kingdom	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	00	United Kingdom	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE

TRADEMARK
REEL: 002548 FRAME: 0288

04165	00	United Kingdom	QUEUE SYSTEM FOR DYNAMICALLY ALLOCATING AND MOVING MEMORY REGISTERS BETWEEN A PLURALITY OF PSEUDO QUEUES (AS AMENDED)
04166	00	United Kingdom	DATA TRANSFER SYSTEM
04167	00	United Kingdom	SYSTEM FOR DYNAMICALLY SELECTING OPTIMUM I/O OPERATING SYSTEM IN A DISK DRIVE SYSTEM
04173	00	United Kingdom	ATA INTERFACE ARCHITECTURE EMPLOYING STATE MACHINES
04175	00	United Kingdom	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04180	00	United Kingdom	SYSTEM FOR ALLOCATING TASKS BETWEEN TWO ACTUATORS SERVICING THE SAME MAGNETIC DISK MEDIA IN A SINGLE DISK DRIVE
04199	00	United Kingdom	SYSTEM AND METHOD FOR CONTROLLING A SEEK OPERATION IN A DISK DRIVE
04209	00	United Kingdom	NON-DESTRUCTIVE IN-SITU LANDING VELOCITY DETERMINATION OF MAGNETIC RIGID DISK DRIVES
05111	00	United Kingdom	MAGNETIC RECORDING HEAD INCLUDING BACKGROUND MAGNETIC FIELD GENERATOR
08000	00	United Kingdom	PC/AT PROM W/ CONFIG. HD TABLE
08022	00	United Kingdom	MOTOR BRAKE CIRCUIT
08047	00	United Kingdom	DATA FILL FOR PARALLEL TRANSF DRIVE
08051	10	United Kingdom	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08051	20	United Kingdom	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08057	00	United Kingdom	DISK ARRAY ERROR DEFERRAL METHOD
08060	00	United Kingdom	REDUCED TORQUE RIPPLE MOTOR
08063	00	United Kingdom	ACTUATOR COIL
08067	00	United Kingdom	SWAGE METHOD

TRADEMARK
REEL: 002548 FRAME: 0289

08427	00	United Kingdom	FREQUENCY MODULATION CIRCUIT
08473	00	United Kingdom	DUAL LAYER MAGNETIC EXCHANGE STABILIZATION FOR MR HEADS
08489	00	United Kingdom	OPTICAL DISK FOR OPTICAL STORAGE SYSTEM
08529	00	United Kingdom	DISC DRIVE WITH ROBUST TRACK FOLLOWING SERVO CONTROLLER
08561	00	United Kingdom	FILTER CAL. AND HEAD STABILITY DET.
08568	00	United Kingdom	READER FOR A LOW-FLYING MAGNETORESISTIVE SENSOR
08589	00	United Kingdom	REPEATED SERVO RUNOUT ERROR COMPENSATION IN A DISC DRIVE
08691	01	United Kingdom	TRACK WIDTH DEFINITION BY PATTERNING OF SHARED POLE FOR INTEGRATED THIN FILM/MAGNETORESISTIVE HEAD
08693	00	United Kingdom	DISK DRIVE
08897	00	United Kingdom	CONCENTRIC SPACING OF VIRTUAL DATA TRACKS USING RUN-OUT COMPENSATION
08979	01	United Kingdom	TOP POLE/OPTICAL LAPPING GUIDE
09091	00	United Kingdom	ACTUATOR LATCH FOR DISC DRIVE
00001	00	United States	BI-LEVEL AMPLIFIER & CONTROL DEVICE
00002	00	United States	NAVIGATION SYSTEMS
00003	00	United States	DIGITAL COMMUNICATIONS SYSTEM
00004	00	United States	OCCULTATION DETECTION FOR SPACE NAV
00005	00	United States	DYNAMIC SPACE NAVIGATION
00006	00	United States	SINGLE ENDED TO DOUBLE ENDED COMM.
00007	00	United States	VACUUM TAPE SCRAPER
00008	00	United States	LOGIC BUILDING BLOCK
00009	00	United States	COINCIDENT CURRENT INHIBIT SYSTEM
00010	00	United States	PHASE INVERTING DIRECT CURRENT AMP
00011	00	United States	PULSE RESYNCHRONIZING SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0290

00012	00	United States	HIGH SPEED SCANNER AND RESERVATION
00013	00	United States	BORROW PYRAMID
00014	00	United States	SINGLE END WIRE STRIPPER
00015	00	United States	TRANSFORMER SWITCHING MATRIX
00016	00	United States	HIGH SPEED MULTIPLICATION DEVICE
00017	00	United States	BINARY MULTIPLICATION SYSTEM
00018	00	United States	DIVISION SYSTEM
00019	00	United States	COMPUTER CONTROL SYSTEMS
00022	00	United States	STATIS MAGNETIC MEMORY
00023	00	United States	STAGGERED-CORE MEMORY
00025	00	United States	DIGITAL COMMUNICATION SYSTEM
00026	00	United States	MAGNETIC CORE DRIVING SYSTEM
00028	00	United States	EMBEDDED PRINTED CIRCUIT
00030	00	United States	GRAIN BOUNDARY TRANSISTOR ANALOG
00031	00	United States	POLARIZED HARMONIC RELAY
00032	00	United States	ELECTRONIC DISPLAY SYSTEM
00033	00	United States	DATA EXCHANGER
00035	00	United States	SIMULTANEOUS MULTIPROCESSING COMP.
00036	00	United States	MULTI-PROCESSOR USING TIME-SHARING
00037	00	United States	HIGH SPEED DIVIDER
00039	00	United States	PLUGGABLE MEMORY MODULE
00040	00	United States	COOLING SYSTEM FOR DP EQUIPMENT
00041	00	United States	TWISTED PAIR TRANSMISSION SYSTEM
00042	00	United States	COAXIAL CABLE TRANSMISSION SYSTEM
00044	00	United States	BI-POLAR ANALOG-DIGITAL CONVERTER
00045	00	United States	VARIABLE PULSE WIDTH GENERATOR
00046	00	United States	SECOND HARMONIC MODULATOR
00047	00	United States	CONTACT CLOSURE DETECTOR
00049	00	United States	FERROELECTRIC DATA STORAGE SYSTEM
00050	00	United States	MEMORY SYSTEMS AND DEVICES
00051	00	United States	ROLLER-LEVELER GUIDE
00051	10	United States	ROLLER-LEVELER GUIDE
00052	00	United States	TWO-PHASE COMPUTER SYSTEM
00054	00	United States	ELECTROSTRICTIVE PRINTER
00056	00	United States	DATA TRANSMISSION APPARATUS
00058	00	United States	ERROR DETECTION APPARATUS

TRADEMARK
REEL: 002548 FRAME: 0291

00059	00	United States	AUTO CARD READER - SEE US 3,512,139
00060	00	United States	AUTOMATIC DATA COLLECTION
00061	00	United States	AUTOMATIC DATA COLLECTION
00063	00	United States	DATA TRANSMISSION APPARATUS
00064	00	United States	AUTOMATIC DATA COLLECTION
00067	00	United States	AUTOMATIC DATA COLLECTION
00068	00	United States	FORMING MULTI-APERTURED MAG. DEVICE
00069	00	United States	CARD PUNCHING AND READING DEVICE
00070	00	United States	DRAFTING APPARATUS
00071	00	United States	PULSE DISTRIBUTING SCANNER
00072	00	United States	MAGNETIC TAPE CAPSTAN SYSTEM
00073	00	United States	READING MACHINE RECOGNITION
00074	00	United States	HIGH SPEED CARD STACKING DEVICE
00075	10	United States	EXTENDED LIFE PRINT FONT
00075	00	United States	EXTENDED LIFE PRINT FONT
00076	00	United States	ERROR CORRECTION
00076	10	United States	ERROR CORRECTION
00077	00	United States	DIGITAL TO ANALOG COMPUTER CONVERT.
00078	00	United States	DYNAMIC TAPE SKEW CORRECTION
00079	00	United States	OPTICAL SHAFT-ENCODER DISK
00079	10	United States	OPTICAL SHAFT-ENCODER DISK
00080	00	United States	TENSIONING SERVO FOR FLEXIBLE WEB
00081	00	United States	BIAS SUPPLY AND LINE TERMINATION
00082	00	United States	CHARACTER WRITING TECHNIQUE
00083	00	United States	BALANCED LINE PULSE RECEIVER
00085	00	United States	SCANNER AND RESOLVER
00086	00	United States	MULTI-LAYER UNIVERSAL PRINTED C. B.
00087	00	United States	SILICON CONTROLLED RECTIFIER
00088	00	United States	DISPLAYING CHARACTERS SELECTABLE
00090	00	United States	DIGITAL DIFFERENTIAL ANALYZER
00091	00	United States	VARIABLE-EXPONENT COMPUTERS
00092	00	United States	PARALLEL DIGITAL ADDER SYSTEM
00093	00	United States	DISK FILE AND ACTUATOR
00094	00	United States	SELF-ADJUSTING BRAKE OR CLUTCH
00095	20	United States	
00097	00	United States	TABULATING CARD SYSTEM
00098	00	United States	DATA TRANSMISSION APPARATUS
00100	00	United States	DIMENSIONED INTERRUPT

TRADEMARK
REEL: 002548 FRAME: 0292

00101	00	United States	SKEW CORRECTION ARRANGEMENT
00102	00	United States	CATHODE SPUTTERING APPARATUS
00104	00	United States	METHOD FOR PRODUCING CIRCUIT MODULE
00105	00	United States	FINE LINE DISCRETE TRACKS
00106	00	United States	CHARACTER SEPARATING READING MACH.
00107	00	United States	READING MACHINE WITH TAPE OUTPUT
00108	00	United States	RAILWAY CAR IDENTIFIER
00109	00	United States	READING MACHINE W/ AUTO RECOGNITION
00110	00	United States	CHARACTER NORMALIZING READING MACH.
00111	00	United States	PNEUMATIC PICK OFF FOR PERF CARDS
00112	00	United States	SUCTION PICK UP WITH AIR BEARING
00113	00	United States	OPTICAL LOGIC READING MACHINE
00114	00	United States	IMAGE REGISTRATION SYSTEM
00115	00	United States	MAGNETIC RECORDING HEAD W/ SPINNING
00116	00	United States	OPTICAL CHARACTER READING MACHINE
00117	00	United States	READING MACHINE W/ MARK SEPARATION
00118	00	United States	SELF-PROGRAMMING PATTERN RECOG.
00119	00	United States	DETERMINING SEPARATION LOCATIONS
00120	00	United States	READING MACHINE W/ LARGE TOLERANCE
00121	00	United States	OPTICAL SCANNING-SPECULAR REFLECT.
00122	00	United States	VEHICLE READING SYSTEM
00123	00	United States	READING SYSTEM W/ DICTIONARY LOOKUP
00124	00	United States	OPTICAL CARD TRANSLATOR SYSTEMS
00125	00	United States	READING MACHINE SERIAL STORAGE
00126	00	United States	MAGNETIC PATH CHOPPER
00127	00	United States	MULTI-BIT MAGNETIC HEAD STRUCTURE
00128	00	United States	MAGNETIC MAIL CODING APPARATUS
00129	00	United States	OPTICAL READING MACHINE

TRADEMARK
REEL: 002548 FRAME: 0293

00130	00	United States	PROBE HEAD FOR STORM SEWERS
00131	00	United States	ELECTRIC CIRCUIT COMPONENTS
00132	00	United States	MOUNTING BIASED ELEMENT-WAVE GUIDE
00133	00	United States	EMBEDDED CIRCUITS - SEE DKT 28
00134	00	United States	COMPATIBLE AIRBORNE NAVIGATION
00137	00	United States	WIDE ANGLE HORN FEED CLOSELY SPACED
00138	00	United States	SYNCHRONIZED COMMUNICATIONS SYSTEM
00139	00	United States	LASER DEVICE
00142	00	United States	VARIABLE CAPACITANCE DIODE PACKAGES
00144	00	United States	SONAR TRANSDUCER
00145	00	United States	VIBRATION SUPPRESSION APPARATUS
00151	00	United States	ELECTRIC CIRCUIT COMPONENTS
00152	00	United States	NON-UNIFORM WIRE GRID LENSE ANTENNA
00153	00	United States	CIRCUIT COMPONENT
00154	00	United States	BANDWIDTH MONOPOLE ANTENNA
00155	00	United States	ANTENNA STRUCTURE
00156	00	United States	LENS FEED SYSTEM
00157	00	United States	HORIZONTALLY-POLARIZED WIRE-GRID
00158	00	United States	MONOPOLE ANTENNA
00159	00	United States	TOP LOADED MONOPOLE ANTENNA
00160	00	United States	MULTI-HOP RAMP FEED
00161	00	United States	IONIZED LASER
00162	00	United States	BINARY DIGITAL COMPUTER W/ MAG DRUM
00163	00	United States	MECHANICAL CODING AND SORTING
00164	00	United States	SINGLE DIODE PARAMETRIC AMPLIFIER
00165	00	United States	OPTICAL CARD TRANSLATOR
00166	00	United States	HIGH SPEED OPTICAL IDENTIFICATION
00167	00	United States	PROCESSING SYSTEM FOR VEHICLE DATA
00168	00	United States	MAGNETIC RECORDING ON MAIL
00169	00	United States	SINGLE LETTER FEEDING DEVICE
00170	00	United States	READING MACHINE W/ SERIAL SYNCH.
00171	00	United States	COMPARATOR CIRCUIT
00172	00	United States	ASYNCHRONOUS TIME-SHARING
00173	00	United States	BLOCKING OSCILLATOR COMPARATOR

TRADEMARK
REEL: 002548 FRAME: 0294

00174	00	United States	FLUID PRESSURE DIGITAL COMPUTER
00176	00	United States	COMPATIBLE AIRBORNE NAVIGATION
00177	00	United States	PROGRAM PROTECTION ARRANGEMENT
00178	00	United States	STAR RECOGNITION APPARATUS
00179	00	United States	LOW LOSS MICROWAVE TRANSMISSION
00181	00	United States	SPACE NAVIGATION & SURVEYING
00182	00	United States	DIGISCRIBE
00183	00	United States	FLIP-FLOP / SIMULTANEOUS
00189	00	United States	PRECONDITIONING A MEMORY SYSTEM
00191	00	United States	SIGNAL DETECTION
00192	00	United States	VACUUM DEPOSITION SYSTEM
00193	00	United States	RANDOM TIME GENERATOR
00194	00	United States	SURGE CURRENT CONTROL
00195	00	United States	READING MACHINE OPTICAL SYSTEM
00196	00	United States	READING MACHINE
00199	10	United States	POSITION SENSING AND CONTROL
00199	00	United States	POSITION SENSING AND CONTROL
00202	00	United States	SENSE LINE
00203	00	United States	MEMORY CONFIGURATION
00205	00	United States	MULTI-LAYER PRINTED CIRCUIT BOARD
00206	00	United States	PARAMETRIC AMP.
00207	00	United States	SYNC COMM - SEE DKT 138
00208	00	United States	SYNCHRONIZED COMMUNICATION SYSTEM
00210	00	United States	PRINT HAMMER RAPID RESET
00211	00	United States	SIGNAL RECOVERY APPARATUS
00212	00	United States	HOLDING CORES FOR STRINGING
00213	00	United States	CONSTANT TIME RESPONSE SCANNER
00216	00	United States	FABRICATING MULTIPLE IMAGE PHOTO
00217	00	United States	ELECTRONIC FILTER
00219	00	United States	LIGHT AMPLIFIER
00220	00	United States	DIRECTION FINDING ANTENNA SYSTEM
00221	00	United States	GAS DISCHARGE DISPLAY
00226	00	United States	TEACHING KIT
00230	00	United States	VERTICAL FILTER APPARATUS
00231	00	United States	RECOGNITION SYSTEM FOR READING
00232	00	United States	MULTI-FONT CHARACTER READING MACH.

TRADEMARK
REEL: 002548 FRAME: 0295

00233	00	United States	MULTI-FONT READING MACHINES
00235	00	United States	PLURALITY OF FLYING HEADS
00237	00	United States	VENTURRI TUBE
00238	00	United States	SLOTTED VENTURRI TUBE
00239	00	United States	VENTURRI TUBE
00240	00	United States	ELECTRO-MECHANICAL TRANSDUCER
00241	00	United States	PUMPING SYSTEM W/ INERTIA STABILIZE
00242	00	United States	RING-TYPE FLOW METER
00243	00	United States	FLOW METER
00245	00	United States	SYNC COM & NAV-SEE DKT 207
00249	00	United States	CONNECTING CORE PLANES
00250	00	United States	PROGRAM LOCK
00251	00	United States	SENSE AMPLIFIER
00253	00	United States	ADVANCING & STOPPING MATERIAL
00254	00	United States	WIRE GRID RIBBONLESS PRINTER
00259	10	United States	GAS DISCHARGE DEVICE
00262	00	United States	ROTARY DIVERTER SORTER
00263	00	United States	LINE TRACKING READING MACHINE
00264	00	United States	FLOAT OPERATED LEVEL TRANSMITTER
00265	00	United States	LIGHT EXCITED MASER
00266	00	United States	PRESSURE OPERATED TRANSDUCER CON.
00267	00	United States	IN-FLUME TRANSMITTER
00274	00	United States	DEPOSITION METHOD
00277	00	United States	SORTING APPARATUS
00278	00	United States	CIRCUIT BOARD
00279	00	United States	DISC SEPARATOR
00281	00	United States	VARIABLE TIMING MECHANISM
00284	00	United States	PROGRAM UNIT
00285	00	United States	PROGRAM DEVICE
00286	00	United States	RELAY CONTROL CIRCUIT
00287	00	United States	DISK MEMORY
00288	00	United States	PUNCH TAPE READER
00289	00	United States	MAKING BRUSH CONTACTS
00290	00	United States	RECORD READER
00295	00	United States	PROTECT CIRCUIT - SEE DKT A190
00296	00	United States	APP. FOR PINS
00297	00	United States	SPRING CLUTCH ANCHOR
00299	00	United States	PUNCHING SYSTEM
00300	00	United States	OPTICAL APPARATUS
00302	00	United States	SHIELD-TYPE CAPACITIVE MEMORY
00307	00	United States	DIGITAL TRANSMISSION RECEIVER

TRADEMARK
REEL: 002548 FRAME: 0296

00310	00	United States	DUAL SOURCE RADIATION BONDING
00311	00	United States	DOCUMENT STACKER / SORTER
00312	00	United States	CHARACTER READING MACHINE
00313	00	United States	OPTICAL CODE SORTING APPARATUS
00314	00	United States	PRODUCING RANDOM NUMBERS
00316	00	United States	ROUNDED CORNER CARD CUTTER
00319	00	United States	RECORDING SYSTEM
00320	00	United States	COMPARISON APPARATUS
00326	00	United States	FOUR PHASE DIGITAL CLOCK
00334	00	United States	WATTAGE FEEDBACK MONITOR CONTROL
00336	00	United States	CARD READER
00339	00	United States	TREATMENT OF CHROMIC ACID
00340	00	United States	LIGHT EXCITED MASER
00340	10	United States	LIGHT EXCITED MASER
00341	00	United States	CONTROLLING AMPLITUDE ANALOG SIG.
00346	00	United States	MONITORING TV PROGRAMS
00350	00	United States	MAGNETOMETER
00350	10	United States	MAGNETOMETER
00354	00	United States	DATA SORTING SYSTEM
00355	00	United States	BROADBAND BICONICAL WIRE GRID LENSE
00356	00	United States	LOG-PERIODIC ANTENNA
00368	00	United States	AUTO. MULTIPOINT SOLDERING APPARAT.
00374	00	United States	REVERSIBLE AC/DC CONVERTER
00400	00	United States	IMAGE CORRELATION METHOD
00402	00	United States	ITERATIVE METHOD IMAGE CHANGE DET.
00403	00	United States	MAGNETIC RECORD MEMBERS
00404	10	United States	MAGNETIC RECORD MEMBERS
00404	00	United States	MAGNETIC RECORD MEMBERS
00411	00	United States	COMBINED CONTAINER AND DISKS
00413	00	United States	MAGNETIC OXIDE COATING
00414	00	United States	PLATING BATH & MAG. FILM DEPOSIT.
00415	00	United States	MAGNETIC HEAD
00416	00	United States	BLANKING CIRCUIT
00417	00	United States	MINIATURE MAGNETIC HEAD
00417	20	United States	MINIATURE MAGNETIC HEAD
00418	00	United States	MULTIPLE MAGNETIC HEAD
00418	10	United States	MULTIPLE MAGNETIC HEAD
00419	00	United States	MAGNETIC DISK MEMORY ASSEMBLY
00420	00	United States	TRANSDUCING HEAD ASSEMBLY

TRADEMARK
REEL: 002548 FRAME: 0297

00421	00	United States	INTERCHANGEABLE DISK ASSEMBLY
00422	00	United States	MAGNETIC TRANSDUCER HEAD ASSEMBLY
00423	00	United States	MAGNETIC DISK CALIBRATION TRACK
00424	00	United States	DISK RANDOM ACCESS MEMORY SYSTEM
00424	10	United States	DISK RANDOM ACCESS MEMORY SYSTEM
00425	00	United States	ELECTROLESS DEPOSIT. MAG. FILM
00426	10	United States	HIGH RECORDING DENSITY MAG. MEDIA
00426	00	United States	HIGH RECORDING DENSITY MAG. MEDIA
00427	00	United States	MAGNETIC DISK AND PLATING BATH
00429	00	United States	MULTIPLE HEAD UNIT
00430	00	United States	DYNAMIC CLOCK RECORDER
00431	00	United States	DELAY LINE EQUALIZER
00437	00	United States	POINT-SLOPE METHOD
00439	00	United States	POLYLATERAL METHOD
00440	00	United States	INTERCONNECT TECHNIQUE
00443	00	United States	IMAGE GRAY SCALE ENCODING
00447	00	United States	CHANGE DETECTION METHOD
00449	00	United States	VERSATILE IMPRINTER
00452	00	United States	RECORDING SYSTEM
00453	00	United States	MECHANICALLY ISOLATED TRANSDUCER
00455	00	United States	TRACK DENSITY INCREASING APPARATUS
00455	10	United States	TRACK DENSITY INCREASING APPARATUS
00465	00	United States	ANTENNA ARRAY
00466	00	United States	SPECTRUM ANALYZER
00467	00	United States	NUCLEAR REACTOR
00482	00	United States	PARALLEL BINARY MULTIPLIER
00487	00	United States	FORMING THICK FILM CIRCUIT PATTERNS
00492	00	United States	RE-CENTERING DEVICE
00502	00	United States	RECORDING SURFACE
00503	00	United States	THERMALLY STABILIZED ENCLOSURE
00504	00	United States	SERVO POSITIONING ERROR CONTROL
00517	00	United States	THROAT HEIGHT REF. FOR MONO. FER. H
00530	00	United States	TITRATING A LIQUID

TRADEMARK
REEL: 002548 FRAME: 0298

00531	00	United States	ELECTRICAL MEASUREMENTS IN LIQUID
00532	00	United States	ION TITRATION
00538	00	United States	MAGNETIC COUPLING OF DISK FILE
00539	00	United States	LOW DC DATA ENCODING SYSTEM
00540	00	United States	CIRCUIT CARD GUIDE
00552	00	United States	MAGNETIC ORIENTATION SENSOR
00553	00	United States	SPIRAL MODE TRACKING
00554	00	United States	LOW DC DATA SYSTEM
00558	00	United States	CUTTING NARROW TRACK FERRITE HEADS
00558	10	United States	CUTTING NARROW TRACK FERRITE HEADS
00558	20	United States	CUTTING NARROW TRACK FERRITE HEADS
00563	00	United States	DUAL LOOP OSCILLATOR
00570	00	United States	FORMING GAPS IN MAGNETIC HEADS
00570	10	United States	FORMING GAPS IN MAGNETIC HEADS
00572	00	United States	RIBBON CABLE SLITTER
00573	00	United States	DISK MEMORY MODULE
00577	00	United States	SEEK CONTROL LOWERS LARGE SEEK GAIN
00578	00	United States	DISC CENTERING
00580	00	United States	TIME/TRACK + TABLE LOOKUP SEEK
00596	00	United States	MAGNETIC HEADS
00603	00	United States	DISK CARTRIDGE
00611	00	United States	PROXIMITY READ
00612	00	United States	DISC CARTRIDGE
00613	00	United States	DISK CARTRIDGE
00614	00	United States	DISK CARTRIDGE
00624	00	United States	CLOCK NETWORK FOR LSI CHIPS
00633	00	United States	CATEYE-SIGNAL INTERCEPT DETECTOR
00635	00	United States	HEAD LIFT MECHANISM
00637	00	United States	CARTRIDGE MECHANISM
00640	00	United States	GIMBAL SPRING RETAINER
00650	00	United States	MAGNETIC DATA MEDIUM TESTER
00653	00	United States	TOP-LOAD CARTRIDGE
00660	00	United States	TRACK CENTERING SERVO NOISE FILTER
00662	00	United States	SERVO HEAD / DATA MISALIGNMENT
00669	00	United States	REMOVABLE DISC MEDIA
00685	00	United States	DISK-MEMORY-CARTRIDGE HUB TESTER

TRADEMARK
REEL: 002548 FRAME: 0299

00688	10	United States	QUICK DISCONNECT PACK
00688	00	United States	QUICK DISCONNECT PACK
00689	00	United States	DIGITAL SPEED CONTROL
00690	00	United States	MICRO MODULE DRIVE INTERFACE
00691	00	United States	CLOSED
00694	00	United States	ANTI-SATURATION CIRCUIT
00696	00	United States	BUBBLE MEMORY PLANARIZATION
00706	00	United States	READ SIGNAL COMPENSATE
00722	00	United States	PLATED-THROUGH HOLE RESISTOR
00722	10	United States	PLATED-THROUGH HOLE RESISTOR
00723	00	United States	ALIGNMENT METHOD AND APPARATUS
00728	00	United States	MULTI-CATHODE E-BEAM
00729	00	United States	NOW 875. SINGLE-DEFLECTION E-BEAM
00730	00	United States	RESISTIVE-CONDUCTIVE MEMBER
00731	00	United States	SWITCH MODE REGULATED POWER SUPPLY
00739	00	United States	DISK COVER COLLAR
00740	00	United States	SELF-LOADING MAGNETIC HEAD SLIDER
00749	00	United States	BOARD FOR OPPOSITELY MOUNTED CHIPS
00750	00	United States	MEMORY BOARD STACKING MODULE
00751	00	United States	CHIP-CIRCUIT BOARD INTERFACE
00752	00	United States	PIN CARRIER
00763	00	United States	CALIBRATING MACHINE SENSOR
00767	00	United States	REACTIVE SPUTTERING OF AL2O3
00773	00	United States	MAGNETIC RESISTIVE SENSORS, COM 772
00774	00	United States	RECORDING METHOD
00777	00	United States	RADICAL FLOW REACTOR
00778	00	United States	LASER DEPOSITION
00779	00	United States	SINEWAVE CLOCK FANOUT FOR COMPUTERS
00782	00	United States	WRITE ERROR CHECK FOR OPTICAL DISK
00783	00	United States	CAPACITIVE MEASURING
00788	00	United States	RAM INTERFACE
00791	00	United States	FLOATING POINT UNIT
00792	00	United States	BINARY ADDER
00797	00	United States	ELECTROLESS COBALT SOLUTION
00801	00	United States	COIL WIRE TREATING APPARATUS
00801	10	United States	COIL WIRE TREATING APPARATUS

TRADEMARK
REEL: 002548 FRAME: 0300

00802	00	United States	BIPOLAR SIGNAL PROCESSING
00804	00	United States	PHASE ERROR
00810	00	United States	SELF-CLOCKING CODES
00813	00	United States	ANTI REFLECTIVE STRUCTURE
00817	00	United States	THIN FILM HEAD FOR RECORDING
00817	10	United States	THIN FILM HEAD FOR RECORDING
00818	00	United States	HIGH SPEED COATING PROCESS
00819	00	United States	FABRICATING NPAB SLIDERS
00822	00	United States	FLOATING POINT APPROXIMATE
00825	00	United States	LASER DIODE PROTECT
00828	00	United States	METAL BOBBIN CHOKE
00838	00	United States	CHARGED WALL MEDIA
00843	00	United States	VERTICAL RECORDING
00846	00	United States	TANK OSCILLATOR
00847	00	United States	HEAD ALIGNMENT DRIVE
00848	00	United States	SEE DKT 818, DISK STRIPPING PROCESS
00852	00	United States	LIQUID LUBRICATED MAGNETIC DISK
00852	10	United States	LIQUID LUBRICATED MAGNETIC DISK
00856	00	United States	CLOCK EXTRACTION FROM OPTICAL DATA
00858	00	United States	DOUBLET IDENTIFIER
00859	00	United States	VOICE COIL DAMPING
00860	00	United States	ROTARY RECORD HEAD
00864	00	United States	MICROTOME METAL SECTIONING
00865	00	United States	THIN FILM HEAD
00867	00	United States	EDGE WINDING TWO LAYER COIL
00868	00	United States	POLYURETHANE RESONANCE DAMPING PAD
00870	00	United States	FERRITE DISK FOR PERP. MAG. REC.
00871	00	United States	BIAS SWITCHING DEVICE
00872	00	United States	MULTIPLIER
00873	00	United States	CACHE MEMORY
00882	00	United States	WIRE UNTWISTER
00883	00	United States	
00884	00	United States	NEGATIVE PRESSURE SLIDER
00892	00	United States	PROBE HEAD
00895	00	United States	RAIL BACKSCATTER DETECTOR
00904	00	United States	READ/WRITE HEAD W/ TRAVERSE WINDING
00905	00	United States	PARITY DRIVE FOR DISK ARRAY
00906	00	United States	DISK COPIER
00907	00	United States	MAGNETORESISTIVE SENSOR
00909	00	United States	TUNALBLE CLOCK SYSTEM
00911	00	United States	ADAPTIVE PULSE SLIMMING

00911	10	United States	ADAPTIVE PULSE SLIMMING
00914	00	United States	ARTIFICIAL NEURON
00923	00	United States	SHIELD FOR VERTICAL RECORDING HEAD
00924	00	United States	SHIELD FOR VERTICAL RECORDING HEADS
00925	00	United States	TRI-PHASE SERVO PATTERNS
00934	00	United States	ANALYZING ELEC. SIG. WITH DIG COR.
00938	00	United States	ORIGINAL US CASE, FLASH PROJECTILE
00938	10	United States	ORIGINAL US CASE, FLASH PROJECTILE
00938	20	United States	ORIGINAL US CASE, FLASH PROJECTILE
00947	00	United States	COORDINATE DESTINATION COMPUTER
00951	00	United States	RESOLVER SYSTEM
00952	00	United States	ELECTRO-MECHANICAL INTERGRATOR
00954	00	United States	MULT. PIN-HOLE CAMERA (ASSIGNED ?)
00955	00	United States	
00958	00	United States	TELEGRAPH SIGNAL GENERATOR
00958	10	United States	TELEGRAPH SIGNAL GENERATOR
00959	00	United States	INTERRPUPT COMPUTER SYS: CA956,443
00960	00	United States	SYNCHRO TO DIGITAL CONVERTER
00962	00	United States	MAGNETRON CATHODE FOR SPUTTERING
00964	00	United States	TARGET ANNULES FOR MAGNETRON SPUT
00971	00	United States	MAGNETORESISTIVE HEAD
00972	00	United States	NEGATIVE AIR BEARING
00975	10	United States	ZONE BIT RECORDING, VERS. 1
00975	30	United States	ZONE BIT RECORDING, VERS. 1
00977	00	United States	LOW DIFFUS. DISK DR. BREATHER VENT
00977	20	United States	LOW DIFFUS. DISK DR. BREATHER VENT
00987	40	United States	NEGATIVE PRESSURE AIR BEARING
00987	60	United States	NEGATIVE PRESSURE AIR BEARING
00991	00	United States	OFFSET COMPENSATE
00992	00	United States	ON THE FLY ERROR CORRECTION
00993	00	United States	PROCESS TO VERIFY TRANSISTORS

TRADEMARK
REEL: 002548 FRAME: 0302

00998	00	United States	PACKAGING TECHNIQUE
01001	00	United States	ARM AND COIL ASSG.
01004	00	United States	COMBINED INTO MPI 907
01005	00	United States	MAGNETORESISTIVE HEAD
01006	00	United States	MAGNETORESISTIVE HEAD
01009	00	United States	SLURRY DISPENSOR
01013	10	United States	DUAL CHANNEL RECOVERY
01015	00	United States	CONNECTOR WITH GROUND BLADE
01019	00	United States	TIME PROGRAMMABLE CABLE
01021	00	United States	SMT COMPATIBLE CONNECTOR
01023	00	United States	ULTRASONIC GENERATOR W/WATT-SEC REG
01026	00	United States	MAGNETIC DISK ARM ASSEMBLY
01028	00	United States	COMBINED INTO MPI 1017
01029	00	United States	TRANSDUCER AMPLIFIER
01035	00	United States	PLASMODIC CORROSION RESISTANCE
01035	10	United States	PLASMODIC CORROSION RESISTANCE
01042	00	United States	EMV. MEM. MOD. HUMDITY CON.-MIL. D
01043	10	United States	THIN FILM DAMPING CAPACITY TEST
01044	10	United States	HIGH IMPACT STRENGTH CERAMIC
01045	00	United States	ADAPTIVE PULSE PAIRING
01050	00	United States	EXTRACTOR TOOL
01052	00	United States	CALIBRATION OF UV SENSORS OF OP1000
01056	00	United States	SPREADING TOOL
01061	00	United States	SERIAL PATH
01062	00	United States	CONTROL REGISTER CLOCKS
01063	00	United States	BLOCK OUTPUT REGISTER
01064	00	United States	TST EARLY AND TCE EARLY
01066	00	United States	RADIATION HARDNESS ENHANCEMENT
01068	00	United States	NEGATIVE PRES.AIR BEARING,SEE 987
01072	00	United States	TEST AMT OF LUBE APPLIED TO MD SURF
01078	00	United States	GANGED MR HEAD SENSOR
01082	00	United States	SIGNAL PROCESSOR UNIT
01084	00	United States	METHOD OF CLAMPING DISKS DATA FILE
01086	00	United States	SPUTTERED SILICON OVERCOAT ON FILM
01090	00	United States	TRIMMABLE LOADSPRING FOR FLY HEADS
01091	00	United States	TEMPEST FILTER MOUNTING PATTERN

TRADEMARK
REEL: 002548 FRAME: 0303

01093	00	United States	CROSS TALK CANCELLATION SERVO HEAD
01096	00	United States	MAGNETIC ANNEALING OF PERMALLOY
01097	00	United States	COFEB THIN FILM HEAD CORE
01099	00	United States	FLEX TESTER
01100	00	United States	J LEADED COMPONENT SPIN TIN TOOL
01101	00	United States	NIP SUBSTRATE MAGNETIC DISK
01104	00	United States	PRINTED CIRCUIT
01105	00	United States	NOVEL MAGNETIC STORAGE DEVICE
01107	00	United States	TRANSDUCER SHIELDING WITH HIGH TC
01110	00	United States	HIGH DENSITY RECORDING MEDIA
01115	00	United States	FLEXIBLE CABLE FOR ROTARY ACTUAT
01118	00	United States	DISK DRIVE ROTARY
01119	00	United States	VIBRATION ISOLATOR FOR DISK DRIVE
01120	00	United States	CRASH STOP AND LATCH SYSTEM
01121	00	United States	MOUNTING FRAME FOR DISK DRIVE
01126	10	United States	OFFSET NULLING SYSTEM
01128	00	United States	UNKNOWN
01129	00	United States	UNKNOWN
01130	00	United States	UNKNOWN
01133	00	United States	GASKET POSITIONER FIXTURE 31422
01134	00	United States	MAGNET ASSEMBLY FIXTURE
01135	20	United States	FLEXIBLE MOUNT PCB
01143	00	United States	ANISOTROPIC MEDIA RECORDING
01145	00	United States	CAPACITANCE HEIGHT GAGE
01146	00	United States	THIN FILM MEDIA
01147	00	United States	TRANSPARENT ARM DAMPER
01149	00	United States	METALLIC PARTICLES AS RECORD MEDIA
01150	10	United States	METHOD FOR MFG. M.I.G. FLUX GAP
01154	00	United States	CONNECTOR REMOVER TOOL
01155	00	United States	CLAMP SYSTEM FOR DISK DISTORTION
01162	00	United States	FLYING INTEGRITY TEST HEAD
01163	00	United States	IMPROVED DISK DRIVE SERVO
01168	00	United States	AUTOMATIC INCREASE OF FORCE
01170	00	United States	GANGED DATA ARM THERMAL ALIGNMENT
01171	10	United States	POLE DESIGN FOR THIN FILM HEADS
01173	00	United States	WET ETCH PROCESS

TRADEMARK
REEL: 002548 FRAME: 0304

01174	00	United States	PULSE QUALIFICATION PEAK DETECTION
01176	10	United States	LOW NOISE MAGNETIC MEDIA
01179	00	United States	UNIFORM ELECTROPLATING OF TFH POLE
02000	00	United States	EVALUATING RECORDING SYSTEMS
02003	00	United States	DISC DRIVE CARTRIDGE LOADER
02007	00	United States	STRAIGHT ARM ROTARY ACTUATOR
02007	10	United States	STRAIGHT ARM ROTARY ACTUATOR
02009	00	United States	CARRIAGE LATCH DESIGN
02012	00	United States	BI COMPLIANT ROTOR STEPPER MOTOR
02014	00	United States	DISC MEMORY SERVO INDEXING SYSTEM
02015	00	United States	DISK STACK CLAMP (SEEGER, B. CO-INV
02017	00	United States	COMPACT VOICE COIL CARRIAGE
02017	10	United States	COMPACT VOICE COIL CARRIAGE
02021	00	United States	OFFSET COMPENSATION (REF. 2020)
02021	10	United States	OFFSET COMPENSATION (REF. 2020)
02021	20	United States	OFFSET COMPENSATION (REF. 2020)
02023	00	United States	NONDESTRUCTIVE DISC MAGN. TEST
02025	00	United States	DUAL TRACK SERVO SYSTEM
02025	10	United States	DUAL TRACK SERVO SYSTEM
02025	20	United States	DUAL TRACK SERVO SYSTEM
02026	00	United States	ROTARY DISC DRIVE FLEXURE & MOUNT
02026	20	United States	ROTARY DISC DRIVE FLEXURE & MOUNT
02026	40	United States	ROTARY DISC DRIVE FLEXURE & MOUNT
02027	00	United States	BIPOLAR MOTOR CONTROL
02028	00	United States	ENCAPSULATED STEPPER MOTOR
02028	20	United States	ENCAPSULATED STEPPER MOTOR
02032	00	United States	PERPENDICULAR RECORDING HEAD
02036	10	United States	THIN FILM COBALT-CONTAINING DISK
02044	00	United States	SWITCHED POWER SUPPLY
02045	00	United States	IPS, SW. MODE PW. SUP. CONTROLLER
02046	00	United States	AUTOMATIC DISC GAUGING & SORTING
02047	20	United States	CRASH STOP & MAGNETIC LATCH
02049	00	United States	DISC CLAMP
02049	10	United States	DISC CLAMP

02050	00	United States	TAPE WITHDRAWAL AND POSITIONING SYS
02050	10	United States	TAPE WITHDRAWAL AND POSITIONING SYS
02051	00	United States	TAPE GUIDE ARRANGEMENT
02057	00	United States	DISK ARRAY
02059	10	United States	CASSETTE LOADER AND EJECTION
02059	00	United States	CASSETTE LOADER AND EJECTION
02060	00	United States	LOW PROFILE SERVO ACTUATOR
02060	10	United States	LOW PROFILE SERVO ACTUATOR
02061	00	United States	COMPACT DISC INSERTION AND EJECTION
02061	10	United States	COMPACT DISC INSERTION AND EJECTION
02062	00	United States	DISK ARRAY
02067	00	United States	IN LINE DISK SPUTTERING SYSTEM
02074	00	United States	FIXED DISC ASSEMBLY & CLEAN AIR SYS
02075	00	United States	HARD DISC AND R/W HEAD ACTUATOR
02076	00	United States	DISC DRIVE ASSEMBLY
02077	00	United States	QUASI-CLOSED LOOP SINGLE STEP
02079	00	United States	COMPOSITE PULLEY
02080	00	United States	IMPROVED SERVOWRITER POSITIONING
02081	00	United States	WIDEBAND WIDTH PLL CIRCUIT
02082	00	United States	HIGH FREQUENCY ERROR CORRECTION
02083	00	United States	LOW PROFILE ATTACHMENT OF FLEXURE
02084	00	United States	NEW CARRIAGE DESIGN
02085	00	United States	BATTERY PACK FOR PORTABLE COMPUTER
02086	00	United States	SYSTEM FOR WRITING SERVO INFO
02087	00	United States	REDUNDANT DEFECT MANAGEMENT METHOD
02088	00	United States	DEFECT MANAGEMENT ON DISC DRIVE
02089	00	United States	IMPROVED ZONE RECORDING SYSTEM
02090	00	United States	LOW PROFILE HEAD-ARM FLEXURE
02090	10	United States	LOW PROFILE HEAD-ARM FLEXURE
02092	00	United States	IMPROVED DISC DRIVE THERMAL COMPEN
02094	00	United States	CONSTANT FREQUENCY RECORDING HEAD

TRADEMARK
REEL: 002548 FRAME: 0306

02095	00	United States	FAST ACCESS EMBEDDED SERVO
02099	00	United States	METHOD OF RELOADING CODE
02100	00	United States	DISC I/0 SEQUENCER W/ RAM CONTROL
02101	00	United States	WAIT INSTRUCTIONS W/ TIMEOUT
02104	00	United States	IMPROVED ACTUATOR ARM FOR A DISC
02106	00	United States	LOW COG LAMINATION POLE SHAPE
02107	00	United States	SPINDLE MOTOR ASSEMBLY FOR DISC DRIVES
02107	20	United States	SPINDLE MOTOR ASSEMBLY FOR DISC DRIVES
02108	00	United States	KISS CPBI
02109	00	United States	SERVOWRITING W/O SERVOWRITER
02110	00	United States	LOW PROFILE STEPPER MOTOR
02111	00	United States	IMPROVED STATIONARY DISC MEMORY
02113	00	United States	IMPROVED SERVO SYSTEM
02113	10	United States	IMPROVED SERVO SYSTEM
02113	20	United States	IMPROVED SERVO SYSTEM
02114	00	United States	METHOD OF REDUCING STICTION
02116	00	United States	VIBRATION CONTROL FOR SMALL DRIVES
02117	00	United States	177 HEAD CLEANING TOOL
02118	00	United States	"BULLET"-SMALL DISC DRIVE
02120	00	United States	TWO FREQUENCY DEMONSTRATOR
02121	00	United States	DISC DRIVE PRESSURE TESTER
02122	00	United States	DAT FORMAT MATERIALS
02124	00	United States	MAGNETIC SLIDER LIFTER
02125	00	United States	NEW SERVO HEAD CONCEPT
02126	00	United States	LAMINATED READ-WRITE HEAD SLIDER
02127	00	United States	STICTION-FRICTION REDUCTION
02128	00	United States	DIGITAL SERVO SYSTEM
02129	00	United States	DUAL PIVOT DISC DRIVE
02130	00	United States	METHOD FOR SEVRVOING ON DATA
02132	00	United States	DUAL COIL MOVING MAGNET MOTOR
02132	10	United States	DUAL COIL MOVING MAGNET MOTOR
02133	00	United States	3PH, 1 COIL, MOVING MAGNET MOTOR
02136	00	United States	CLOSED-LOOP MOTOR CONTROL AT SPEED
02137	00	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	01	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	02	United States	MINITURE HARD DISK DRIVE SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0307

02137	03	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	04	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	05	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	10	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	11	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	12	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	14	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	20	United States	MINITURE HARD DISK DRIVE SYSTEM
02137	40	United States	MINITURE HARD DISK DRIVE SYSTEM
02138	00	United States	DISC DRIVE GASKET AND MATERIAL
02139	00	United States	WRITE PRECOMPENSATION W/O DELAY LN.
02142	00	United States	FLANGED GIMBAL ATTACH PLATE (RAMP)
02142	10	United States	FLANGED GIMBAL ATTACH PLATE (RAMP)
02143	00	United States	SAMPLE SERVO IN ZBR DRIVE
02144	00	United States	SERVOWRITER CLOCK CLOSURE
02147	00	United States	AUTOMATED DISC LOADING-SPUTTER MACH
02148	00	United States	HIGH PERF. 2.5" DISC DRIVE
02151	00	United States	SINGLE GATE, SELF-SQUARING CLOCK
02153	00	United States	BATTERY POWERED HEAD PARKING SCHEME
02154	00	United States	HGA-SLIDER LIMITER
02155	00	United States	AN IMPROVED READ-WRITE HEAD GIMBAL
02155	10	United States	AN IMPROVED READ-WRITE HEAD GIMBAL
02156	00	United States	INSERTED STAMPED DIMPLE
02157	00	United States	SHAPE-MEMORY CROSSBOW
02158	00	United States	NEW DISC DRIVE SHOCK MOUNTS
02159	00	United States	REDUCED SPINDLE MOTOR TORQUE VIBR.
02160	00	United States	A SERVO CONTROL SYSTEM DATA PATTERN
02161	00	United States	VOICE COIL RAMP ASSIST
02162	00	United States	SERVO: CAPACITOR BRIDGE POSITION DE
02164	00	United States	CRASH STOP W/ DECELERATION MASS
02165	00	United States	STEPPER CORRECTION METHOD
02166	00	United States	BEARING HOLDER AND PRELOAD METHOD
02167	00	United States	DAMAGED FASTENER REMOVAL

TRADEMARK
REEL: 002548 FRAME: 0308

02168	00	United States	SPACED (POSITION AND TIME) INDEX
02169	00	United States	SELF TRACK SEEKING
02170	00	United States	IMPROVED SERVO INDEX
02171	00	United States	PHASE MODULATION OF SERVO PULSES
02172	00	United States	A SEMICONDUCTOR DEVICE FABRICATION
02173	00	United States	SECOND LEVEL BIT PATTERN WINDOW ADJ
02174	00	United States	QUAL: SECOND DERIV. OF READ SIGNAL
02175	00	United States	SECTOR ID MOVED TO EMBEDDED SERVO
02176	00	United States	EMBEDDED SERVO IDENTIFIER
02177	00	United States	BIT SHIFT REDUCTION: 4TH DERIVATIVE
02178	00	United States	POLYMERIC TFM SUBSTRATE COATING
02179	00	United States	3-POINT COVER WITH LIMITER
02181	00	United States	DISC CLAMP (ST90XX / 3EPH)
02184	00	United States	ACTUATOR PCC TO PCB MOUNT
02185	10	United States	ACTUATOR ARM WITH A STEEL SLEEVE FOR THERMAL OFFTRACK COMPENSATION
02186	00	United States	MAGNETIC LATCH AND CRASH STOP
02187	00	United States	LOW DISC SPACING HGA
02189	00	United States	ADJUSTABLE CRASH STOP
02192	00	United States	MOLDED PLASTIC CRASH-STOP
02193	00	United States	ACOUSTIC NOISE CANCELLATION IN DISC
02194	00	United States	SECTORING CIRCUIT FOR ZONE BIT RECO
02195	00	United States	IN CIRCUIT EMULATOR CONNECTION FOR
02196	00	United States	AN IMPROVED DISC DRIVE RAMP FOR
02198	00	United States	VOICE COIL MOTOR MOUNTING CONFIGURA
02199	00	United States	PIVOT SHAFT MOUNTING
02200	00	United States	TECHNIQUE FOR MAXIMIZING THE NUMBER
02202	00	United States	ENERGY TRANSFER FROM SPINDLE MOTOR
02203	00	United States	SYNCHRONOUS RECTIFIER PARK CIRCUIT FOR DISK DRIVES

TRADEMARK
REEL: 002548 FRAME: 0309

02204	00	United States	CONSTANT VELOCITY AUTOPARK CIRCUIT
02205	00	United States	SELF ALIGNING POLE MAGNET LATCH
02207	00	United States	RADIAL POSITION SENSOR
02208	00	United States	ROTARY ACTUATOR POSITIONED BY DISC
02210	00	United States	HIGH SAMPLE RATE PWM DIGITAL-ANALOG
02211	00	United States	SPINDLE MOTOR WITH IMPROVED THERMAL
02213	00	United States	DIGITAL ADAPTIVE CONTROL SYSTEM
02214	00	United States	DISC CENTERING SHIM-THERMAL COMPEN
02215	00	United States	LOW PROFILE SPINDLE MOTOR
02215	10	United States	LOW PROFILE SPINDLE MOTOR
02216	00	United States	TUNED ACOUSTIC ATTENUATION MATERIAL
02218	00	United States	HEAD FLEXURE ASM. FOR LOWEST DISC
02218	10	United States	HEAD FLEXURE ASM. FOR LOWEST DISC
02220	00	United States	ULTRA HIGH AREAL DENSITY DISK
02222	00	United States	EMBEDDED SERVO USING AN MR HEAD
02223	00	United States	ATA PROGRAMMABLE SEQUENCER
02224	00	United States	SHAPED POLE IN ROTARY MOTOR
02225	00	United States	SPINDLE MOTOR FOR MR HEAD APPLIC.
02226	00	United States	DISC DRIVE SPINDLE W/HYBRID BEARING
02227	00	United States	GLASS-CANASITE DISC CLAMP & SPACER
02228	00	United States	SERVO SYSTEM IN ZBR DISC DRIVE
02228	10	United States	SERVO SYSTEM IN ZBR DISC DRIVE
02228	20	United States	SERVO SYSTEM IN ZBR DISC DRIVE
02232	00	United States	LANDING ZONE INERTIAL LATCH
02233	00	United States	MOLDED FOAM POUCH FOR DISC DRIVE
02234	00	United States	FLYING LEAD OVER MOLD COIL
02234	10	United States	FLYING LEAD OVER MOLD COIL
02234	20	United States	FLYING LEAD OVER MOLD COIL
02234	30	United States	FLYING LEAD OVER MOLD COIL
02235	00	United States	RUBY BALL ISOLATED BEARING
02236	00	United States	LOW VOLTAGE "H" DRIVER

TRADEMARK
REEL: 002548 FRAME: 0310

02237	00	United States	CRASH STOP ON OVERMOLDED COIL
02240	00	United States	INERTIAL IMPACT LATCH FOR A DISC DRIVE SYSTEM
02240	02	United States	INERTIAL IMPACT LATCH FOR A DISC DRIVE SYSTEM
02240	10	United States	INERTIAL IMPACT LATCH FOR A DISC DRIVE SYSTEM
02241	10	United States	SPINDLE MOTOR ISOLATION
02241	20	United States	SPINDLE MOTOR ISOLATION
02241	30	United States	SPINDLE MOTOR ISOLATION
02241	40	United States	SPINDLE MOTOR ISOLATION
02241	50	United States	SPINDLE MOTOR ISOLATION
02241	60	United States	SPINDLE MOTOR ISOLATION
02242	00	United States	MULTI-PHASE SPINDLE MOTOR
02244	00	United States	MAGNETIC LATCH & STOP
02245	00	United States	BONDED, FORMED PCC & BKT
02247	00	United States	ROTATION AIR VANE INERTIA LATCH
02249	00	United States	VCM RESONANCE TO IMPROVE STICTION
02254	00	United States	HDA AIR BAFFLE
02256	00	United States	EFFICIENT SERVO PATTERN W/BURIED ID
02257	00	United States	METHOD FOR REDUCING QUEUE SORTING
02258	00	United States	LOW COST POSITION TRANSDUCER
02259	10	United States	STACKED ACTUATOR ARM
02259	20	United States	STACKED ACTUATOR ARM
02259	30	United States	STACKED ACTUATOR ARM
02260	00	United States	JEWEL BEARING ACTUATOR PIVOT
02262	00	United States	ACTIVE MAGNETIC BEARING SUSPENSION
02264	00	United States	AXIALLY MAGNETIZED BEARING
02266	00	United States	MAGNETIC BEARING FOR SPINDLE MOTOR
02267	10	United States	SENSORLESS CLOSED-LOOP ACTUATOR UNLATCH
02270	00	United States	ADHESIVELESS SEAL ASSEMBLY
02270	10	United States	ADHESIVELESS SEAL ASSEMBLY
02271	10	United States	MAGNETIC BEARING W/MULTI-POLE AXIAL
02272	00	United States	2.5 DISC DRIVE NOISE CONTROL
02274	00	United States	SPINDLE ISOLATION

TRADEMARK
REEL: 002548 FRAME: 0311

02275	01	United States	METHOD FOR MAINTAINING INTEGRITY OF A POSITIONER STACK USING A WELDING PROCESS
02275	10	United States	METHOD FOR MAINTAINING INTEGRITY OF A POSITIONER STACK USING A WELDING PROCESS
02275	11	United States	METHOD FOR MAINTAINING INTEGRITY OF A POSITIONER STACK USING A WELDING PROCESS
02281	00	United States	MULTIRATE DIGITAL CONTROL SYSTEM FOR USE WITH A SYSTEM HAVING A LINEAR TRANSFER FUNCTION
02282	00	United States	COMPLIANT SPINDLE MOTOR FLANGE
02282	01	United States	COMPLIANT SPINDLE MOTOR FLANGE
02284	10	United States	ADHESIVELESS MOTOR ASSEMBLY
02288	10	United States	DIVERSE DISC DRIVE ADDRESSING MODES
02288	20	United States	DIVERSE DISC DRIVE ADDRESSING MODES
02290	00	United States	ADAPTIVE SATURATED SEEK FOR SERVO
02291	00	United States	HEAT SHRINK CLAMP HEAD CLEARANCE
02293	00	United States	RATE 3/4 TRELLIS CODE
02294	00	United States	REDUCE TORQUE RELATED AUDIBLE NOISE
02294	01	United States	REDUCE TORQUE RELATED AUDIBLE NOISE
02294	10	United States	REDUCE TORQUE RELATED AUDIBLE NOISE
02297	10	United States	SINGLE PLATE HYDRODYNAMIC BEARING
02298	00	United States	HUB DISK ASSEMBLY W/AIRBEARINGS
02298	10	United States	HUB DISK ASSEMBLY W/AIRBEARINGS
02299	00	United States	SQUEEZE FILE DAMPER FOR HDD
02302	00	United States	BEARING PRELOAD W/ HEAT SHRINK
02307	00	United States	DRIVE W/ PASSIVE MAGNETIC BEARINGS
02307	01	United States	DRIVE W/ PASSIVE MAGNETIC BEARINGS
02307	10	United States	DRIVE W/ PASSIVE MAGNETIC BEARINGS

TRADEMARK
REEL: 002548 FRAME: 0312

02307	20	United States	DRIVE W/ PASSIVE MAGNETIC BEARINGS
02308	00	United States	AXIAL MAGNETIZATION SCHEME
02309	10	United States	SLEEVE GROOVING TOOL
02310	00	United States	DISC DRIVE ACCESS ARM
02312	10	United States	FLUID FOR HYDRODYNAMIC BEARING
02313	10	United States	PHASE INVARIANT TRELLIS CODES
02315	00	United States	BEARING PRELOAD W/COLD CONTRACTION
02315	20	United States	BEARING PRELOAD W/COLD CONTRACTION
02317	00	United States	ADHESIVELESS SPINDLE MOTOR
02317	01	United States	ADHESIVELESS SPINDLE MOTOR
02318	00	United States	SINGLE PHASE SPINDLE MOTOR
02318	11	United States	SINGLE PHASE SPINDLE MOTOR
02318	20	United States	SINGLE PHASE SPINDLE MOTOR
02318	30	United States	SINGLE PHASE SPINDLE MOTOR
02319	10	United States	FLOATING CONTACT FOR SPINDLE MOTOR
02322	00	United States	ADHESIVELESS SPINDLE MOTOR
02323	00	United States	ADHESIVELESS MECHANICAL MOTOR
02328	00	United States	DISK CLAMP
02330	00	United States	SPINDLE MOTOR WITH AXIAL COIL
02332	00	United States	MAGNETIZED MAGNETIC BEARING
02333	00	United States	EFFICIENT HEAT SHRINK DISC CLAMP
02334	00	United States	SINGLE PLATE HYDRODYNAMIC CARTRIDGE
02348	00	United States	INTERFERENCE SUPPRESSION SYSTEM
02351	00	United States	DISC MEMORY ENCODING & DECODING
02352	00	United States	HYDRODYNAMIC DISC STORAGE SYSTEM WITH HYDRODYNAMIC BEARING
02363	00	United States	REMOVABLE DISK CARTRIDGE
02365	00	United States	ADDRESS TRANSLATION FOR DISC DRIVES
02366	00	United States	HEADERLESS FORMAT CONTROLLER
02367	00	United States	SERVO BURST WIDTH SERVO PATTERN
02373	00	United States	DRAM ADDRESSING TECHNIQUE
02377	00	United States	PRIVATE PIN NUMBER
02378	00	United States	LUBRICANTS FOR MINATURE BEARINGS
02379	00	United States	OIL SEAL FOR HYDRODYNAMIC MOTORS

TRADEMARK
REEL: 002548 FRAME: 0313

02379	10	United States	OIL SEAL FOR HYDRODYNAMIC MOTORS
02386	20	United States	MULTI-SAMPLE DYANMIC HEADSPACE
02386	40	United States	MULTI-SAMPLE DYANMIC HEADSPACE
02387	00	United States	UNKNOWN AT THIS TIME
02391	00	United States	THIN FILM MAGNETIC HEAD W/COIL
02398	00	United States	MOTOR VIBRATION AND SHOCK ISOLATION
02402	10	United States	BI-LAYER FILMS FOR IMPROVED MR PERF
02409	00	United States	CERAMIC SPACER WITH ID RELIEF
02413	00	United States	LASER TEXTURE MEASUREMENT METHOD
02417	00	United States	ROBUST SERVO CONTROLLER
02419	00	United States	SERVOWRITE PROCESS AND DEVICE
02421	00	United States	IRONLESS OR SPOTLESS SPINDLE MOTOR
02423	00	United States	DISC LIMITER
02425	00	United States	2 IN 1 SCSI CONNECTOR
02429	00	United States	IMPROVEMENT FOR FERROFLUID SEALS
02429	20	United States	IMPROVEMENT FOR FERROFLUID SEALS
02430	10	United States	DISK DRIVE PROCESS IMPROVEMENT
02430	30	United States	DISK DRIVE PROCESS IMPROVEMENT
02430	60	United States	DISK DRIVE PROCESS IMPROVEMENT
02430	70	United States	DISK DRIVE PROCESS IMPROVEMENT
02434	00	United States	METHOD OF APPLYING A LUBRICANT TOPCOAT TO A MAGNETIC RECORDING MEDIUM
02437	00	United States	IMPROVED SECTOR TRACK INDEX
02439	00	United States	TRELLIS CODE FOR DICODE CHANNELS
02441	00	United States	DISC DRIVE WITH MULTIPLE ACUTATORS
02446	10	United States	LASER TEXTURING GLASS WITH C02
02451	00	United States	3 IN 1 RECEPTACLE SELF MATING
02453	00	United States	THERMAL ASPERITY SENSOR HEAD
02456	10	United States	VENUS SERVO DEMODULATOR
02457	00	United States	IMPROVED DC OFFSET LOOP FOR VENUS
02460	10	United States	THIN FILM ALUMINUM UNDERLAYER
02463	10	United States	ACTUATOR ARM INTEGRATED PIEZOELECTRIC MICROACTUATOR

TRADEMARK
REEL: 002548 FRAME: 0314

02466	00	United States	MULTIPLE HEAD POSITIONING
02476	00	United States	CONICAL HYDRODYNAMIC BEARING
02479	00	United States	BATTERY BACKUP FOR HEAD RAMP APP
02483	00	United States	LASER INDUCED BUMP PATTERNS
02483	10	United States	LASER INDUCED BUMP PATTERNS
02485	00	United States	FLEXURE TIP COATING TECHNIQUE
02492	00	United States	TOPOGRAPHY MAPPING W/THERMAL HEADS
02493	00	United States	MIC. ACT. LED SERVO SYSTEM
02506	00	United States	LASER TEXTURING PROCESS OF MR HEAD
02514	00	United States	SPACING MEASUREMENTS IN MR DRIVES
02515	00	United States	MACHINING PROCESS FOR HYDRODYNAMIC BEARING
02518	00	United States	SURFACE FOR PRINTED CIRCUIT BOARDS
02523	00	United States	SLIDER/DISC INTERFACE
02527	00	United States	CORRELATED SAMPLED AREA DETECTOR
02531	00	United States	RATE 8/9 CODE FOR EPR4 & E2PR4
02535	20	United States	METHOD AND APPARATUS FOR OPTICALLY SENSING ACCURATE CLOCK PATTERNS
02538	10	United States	DISC CLAMP RADIAL BRACKETS
02554	00	United States	DISC CLAMP W/RADIAL F0RCE COMPONENT
02570	00	United States	MAGNETIZATION TO REDUCE RIPPLE
02575	20	United States	LASER TEXTURED DATA ZONE
02577	00	United States	DIGITAL SERVO PEAK DETECTOR
02585	00	United States	CONSTANT ENERGY TRACK ID
02588	00	United States	DATA STORAGE DEVICE W/SEESCAP
02589	00	United States	DETECTING NICKEL IN THIN FILM DISCS
02590	00	United States	DEVICE TO MEASURE DISC VIBRATION
02591	00	United States	DISC/MEDIA USING LASER MARKING
02592	00	United States	SURFACE CURVATURE MEASUREMENT
02593	00	United States	METHOD OF EVALUATING LUBRICANTS
02600	00	United States	LUB. OF NITROGENATED OVERCOATS
02602	00	United States	DI-HYDROXY TERMINATED PERFLUOROPOLY
02604	00	United States	IMPROVED THERMAL ASPERITY HEAD

TRADEMARK
REEL: 002548 FRAME: 0315

02607	00	United States	METHOD FOR OPTIMIZING DRIVE MOTOR
02608	00	United States	CARBON OVERCOATS ON MAGNETIC MEDIA
02611	00	United States	ACCURATE WRITE AND READ WIDTH
02627	00	United States	Method Of Manfacturing Rounded Edge Recording Head
02628	00	United States	MEDIA SURFACE FOR REDUCED NIP
02635	00	United States	CENTRIFUGAL CLEANING OF MOTORS
02636	00	United States	HYDRODYNAMIC FLUID BEARING W/HEAT
02642	00	United States	GLIDE TEST HEAD ASSEMBLY WITH ENHANCED SIGNAL OUTPUT
02646	00	United States	DHS METHOD FOR SPINNING MOTOR
02650	00	United States	SURFACE PLANARIZATION OF MAGNETIC DISK MEDIA
02651	00	United States	SURFACE COATING FOR MAGNETIC MEDIA
02655	00	United States	METHOD APPARATUS OF DISC BURNISHING WITH A GLIDE/BURNISH HEAD
02658	00	United States	LASER INTERFEROMETER DESIGN
02659	00	United States	CARBON MEASUREMENT VIA RAMAN
02661	00	United States	HEAD-DISC INTERFACE TRIBOLOGY TEST
02662	00	United States	OPTIMUM LOCATION FOR SLIDER Landing PADS
02664	00	United States	ULTRASONIC TANK VIBRATIONS
02667	00	United States	HRD/GMR HEAD ON LOSLM MEDIA
02670	00	United States	DUAL PURPOSE HEAD:GLIDE & BURNISH
02671	00	United States	DISCS W/A NOVEL GLIDE/BURNISH HEAD
02672	00	United States	BURNISHING DISCS W/SYSTEM RESONANCE
02676	00	United States	LOW SPEED VIBRATION TESTER
02677	00	United States	GMR HEAD ON LUBRICATED MEDIA
02678	00	United States	GMR HEAD ON DSLOAW MEDIA
02679	00	United States	OPTICALLY ASSISTED WINCHESTER MEDIA
02680	00	United States	POLISHING OF PLASTIC SUBSTRATES
02681	00	United States	VAPOR POLISHING OF SUBSTRATES
02682	00	United States	INJECTION MOLDED PLASTIC SUBSTRATES

TRADEMARK
REEL: 002548 FRAME: 0316

02683	00	United States	LUBRICANTS FOR MAGNETIC RIGID DISK
02689	00	United States	POLYNOMIAL FLY HEIGHT FOR HEADS
02692	00	United States	SELF-MASKING PROCESS AND PRODUCT FOR CONSTRAINING EDGE DAMAGE IN A MAGNETO-OPTICAL DISK
02693	00	United States	WIRE ROUTING VIA SHAFT TO STATOR
02695	00	United States	DISK HEAD FOR HEAD DISK INTERFACE
02697	00	United States	FLIP CHIP ASSEMBLY APPLICATION
02699	00	United States	ULTRASONIC DEBURRING OF HOLES
02708	00	United States	DETECTING DISC MICROWAVINESS
02710	00	United States	DETECTING LASER ZONE TEXTURE BUMP
02712	00	United States	METAL RING SEAL FOR MOTOR
02714	00	United States	A NOVEL DISC SNUBBER FOR DISC DRIVE
02716	00	United States	METHOD OF COMPENSATING DISC SHIFT
02718	00	United States	HEAD/DISC TAKE-OFF ALGORITHM
02720	00	United States	METHOD OF PRODUCING SOLID LUBRICANT
02733	00	United States	NYEBAR DISPENSER SYSTEM
02737	00	United States	MAGNETIC ROTATING MEMORY DISCS
02740	00	United States	SYNTHESIZING LUBRICANTS
02742	00	United States	Z-HEIGHT ADJUSTMENT FOR GLIDE HEAD
02745	00	United States	DIAMOND CARBON BY ION BOMBARDMENT
02750	00	United States	MEDIA W/SURFACE OXIDIZED SEEDLAYERS
02753	00	United States	DETECTING DISC MICRO-WAVINESS
02754	00	United States	DETECTING LASER ZONE TEXTURE BUMP
02755	00	United States	TAKE-OFF VELOCITY OF SLIDERS
02757	00	United States	CONTROLLING STATIC REACTIVE SPUTTER
02760	00	United States	DUAL LAYER OVERCOATFOR MR & GMR
02764	00	United States	MEASURING RESISTIVITY OF THIN FILMS
02772	00	United States	LOW SCRATCH TEXTURE PROCESS

02773	00	United States	APPLICATION/DLC BUMPS HYDRODYNAMIC
02776	00	United States	LOW MOLECULAR WEIGHT LUBRICANTS
02777	00	United States	FLUORINATED LUBRICANTS FOR AN INFORMATION STORAGE SYSTEM AND A METHOD OF MAKING THE SAME
02778	00	United States	HIGH PERFORMANCE SUSPENSION/DRIVES
02779	00	United States	MACHINE PROCESSING/LUBRICATION
02780	00	United States	MICROWAVINESS DETECTION/PZT GLIDE
02781	00	United States	SIDE SWEEPING BURNISHING PROCESS
02782	00	United States	ZONE LUBRICATION FOR DISK MEDIA
02783	00	United States	ZONE LUBRICATION OF HARD DISC MEDIA
02785	00	United States	SUPER SMOOTH E-LESS NI SUBSTRATE
02787	00	United States	COMPACT SPINDLE/SLIDE MOUNT
02790	00	United States	AREAL DENSITY WITH GMR HEAD
02791	00	United States	METHOD AND APPARATUS FOR SPUTTER DEPOSITION OF MULTILAYER FILMS
02792	00	United States	DETECTOR OF MAGNETIC PARTICLES
02798	00	United States	OUTSIDE DIAMETER FERROFLUID SEAL
02800	00	United States	SPHERICAL FLUID MOTOR SEAL
02802	00	United States	SETTING ROTOR HEIGHT AND PRELOAD
02803	00	United States	INTERFERENCE FIT FOR ROTOR STATOR
02807	00	United States	RUNOUT VELOCITY ESTIMATION
02808	00	United States	CONICAL MOTOR SEAL
02809	00	United States	AIR BEARING MOTOR
02810	00	United States	SYNTHESIZING THE PTTD LUBRICANTS
02812	00	United States	METHOD TO MEASURE NI DEPLETION
02813	00	United States	FERROFLUID SEAL W/FORMING RING
02814	00	United States	APPARATUS AND METHOD FOR FORMING A ROTATABLE FERROFLUIDIC SEAL BETWEEN A SHAFT AND A HUB
02815	00	United States	SHUTTER CONTROLLED RADIAL OFFSET
02818	00	United States	CONTAMINATION FREE HYDRO FLUID

TRADEMARK
REEL: 002548 FRAME: 0318

02819	00	United States	ROTATING SHAFT FOR HIGH SPEED SEAL
02820	00	United States	CALIBRATING DISK SUBSTRATE SYSTEMS
02821	00	United States	DUAL LAYER CARBON FOR MEDIA HEAD
02825	00	United States	HUB/SLEEVE MOTOR DESIGN
02827	00	United States	BIAS SCHEME FOR THIN FILM MEDIA
02834	00	United States	ELECTROMAGNETIC LOSS TESTING
02841	00	United States	UV LUBRICANT TREATMENT FOR MAGNETO OPTIC DISKS
02844	00	United States	HIGH ANISOTROPY THIN FILM ALLOY CO-RE FOR BETTER THERMAL STABILITY
02847	00	United States	SURFACE TREATMENT TECHNIQUE UOE TO REDUCE CORROSION FOR MR/GMR MEDIA
02850	00	United States	6-LEG SPARGER FOR EN PLATING TANK
02854	00	United States	SURFACE ROUGHNESS TO DELAY FLOW SEPARATION IN ACTUATOR ARM
02858	00	United States	METHOD OF CREATING LASER ZONE TEXTURE ON GLASS CERAMIC SUBSTRATES
02861	00	United States	TEXTURE PROCESS FOR GLASS SUBSTRATES
02862	00	United States	ION BEAM DEFECT REDUCTION METHOD
02866	00	United States	IMPROVED THERMAL PERFORMANCE CERAMIC BEARING
02867	00	United States	VINYL CAP PROTECTION FOR WITIG OUT PINS
02868	00	United States	METHOD OF PRODUCING MAGNETIC RECORDING MEDIA PROVIDING INCREASED PROCESS STABILITY AND MANUFACTURABILITY
02869	00	United States	USING AMMONIUM HYDROXIDE FOR NICKEL POST PLATE CLEAN
02871	00	United States	THIN SIC LAYER PROVIDING NITROGEN CAPPING PROPERTIES FOR MAGNETIC MEDIUM
02873	00	United States	CON-FOCAL LASER ANGLE MEASUREMENT SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0319

02887	00	United States	LUBE CONCENTRATION MEASUREMENT BY FTIR
02891	00	United States	BILAYER MAG SPUTTERING METHOD FOR ACHIEVING HIGH DENSITY RECORDING MEDIA
02900	00	United States	THREE-SPOT DIFFRACTIVE LENSE FOR LASER-SCRIBING AMORPHOUS GLASS AND BRITTLE SUBSTRATES
02902	00	United States	A NOVEL CARBON-BARRIER LAYER FOR MAGNETIC APPLICATION - PREVENTION OF MAGNETIC DEGRADATION
02906	00	United States	MAGNETIC RECORDING MEDIA WITH OXIDIZED NIAL-X SEEDLAYER
02910	00	United States	REPLACEMENT FOR SUBSTRATE BIASING
02914	00	United States	METHOD FOR INCREASING THE HARDNESS OF SPUTTERED AMORPHOUS CARBON FILMS
02916	00	United States	METHOD FOR CONTACTING METAL LAYERS PRIOR TO BIASING GLASS DISCS FOR CARBON OVERCOAT
02917	00	United States	NITROGENATED-CARBON PROTECTIVE LAYER BY NITROGEN PLASMA ACTIVIATION
02921	00	United States	USE OF SUBSTRATE BIASING AND CATHODE POWER PULSE-WIDTH TO GRADE CARBON COMPOSITING
02924	00	United States	MRT RADIAL PROFILE ADJUSTMENTS BY SHUNT GEOMETRY CHANGE
02928	00	United States	MULTILAYER MEDIA FOR HIGH DENSITY SERVO APPLICATION OF DISK DRIVE
02929	00	United States	EXTENDING NITRIC ACID USAGE MORE THAN 100 TIMES
02931	00	United States	MAGNETIC ORIENTATION THROUGH SUBSTRATE ROTATION DURING SPUTTERING
02933	00	United States	VAPOR PHASE LUBRICANT MOLECULAR WEIGHT CONTROL
02937	00	United States	PROCESS TO CONTROL HC PROFILES

TRADEMARK
REEL: 002548 FRAME: 0320

02938	00	United States	TRIBOLOGY PERFORMANCE IMPROVEMENTS BY 2001A, X-1P HYDROCARBON LUBRICANTS COATING FOR PICO MAGNETIC HEAD
02945	00	United States	CYCLOTRON RING SPUTTER SOURCES FOR MULTI-LAYER DEPOSITION PROCESSES
02947	00	United States	CONJUGATED MULTI-PARAMETER METHOD IN PROCESS DESIGN AND CONTROL
02951	00	United States	SOFT SLEEVES FOR POLISHING MEMORY DISC SUBSTRATES
02955	00	United States	PAD SCRATCH REDUCTION BY ADJUSTING BAKING TEMPERATURE
02958	00	United States	ORTHORHOMBIC COBALT-PALLADIUM MULTILAYER THIN FILM MEDIA
02964	00	United States	ACHIEVE SUB-MICRON FLYABILITY ON SOLGEL COATED DISK SUBSTRATE-REMOVING SOLVENT CAUSED FILM STRIATIONS
02967	00	United States	LOW FRICTION AND HIGH WEAR RESISTANT COATING FOR SPINDLE MOTORS COMPONENTS FOR STORAGE APPLICATION
02974	00	United States	SPECIAL BUFFER LAYER DESIGN FOR PERPENDICULAR MULTILAYER MEDIA
02976	00	United States	OXIDE THIN FILMS AS CORROSION BARRIERS ON THIN FILM MAGNETIC MEDIA
02981	00	United States	RECORDING MEDIA STABILIZED VIA COUPLING WITH CONTINUOUS FERROMAGNETIC LAYER ACROSS A NON-MAGNETIC SPACER LAYER
02984	00	United States	IMPRINT TOOL FOR MINIMIZED THERMAL-EXPANSION EFFECTS
02995	00	United States	MULTILAYER MAGNETIC MEDIA WITH CHROME CAPPED LAYER
02998	00	United States	LOW COST SELF-CENTERING CONE SHIELD
03000	00	United States	FDB SPINDLE WITH NO AXIAL LOAD POINT
03002	00	United States	SOLID STATOR MOUNTING METHOD FOR IMPROVED ACOUSTICS

TRADEMARK
REEL: 002548 FRAME: 0321

03007	00	United States	ATOMIC FORCE MICROSCOPE ATTACHED SCATTEROMETER FOR NANO-TOPOGRAPHY MAPPING
03008	00	United States	COCR + COCRTA AS INTERMEDIATE BI LAYER
03009	00	United States	SMALL GRAIN STRUCTURED LONGITUDINAL RECORDING MEDIA BY HIGH POWER DENSITY SPUTTERING
03010	00	United States	LOW ELECTROMAGNETIC LOSS HIGH SPEED HDD SPINDLES
03014	00	United States	METHOD OF FORMING A THIN CARBON OVERCOAT ON MAGNETIC RECORDING MEDIUM
03015	00	United States	CONVEXED PLATE DESIGN FOR FDB WEAR REDUCTION
03016	00	United States	HIGH TROUGHPUT DOUBLE-SIDED MEDIA ION IMPLANTATION
03017	00	United States	DUAL LAYER CARBON COMBINING ION-BEAM & SPUTTER CARBON FOR MANGETIC RECORDING MEDIA-HEAD INTERFACE APLICATION
03020	00	United States	PRODUCING SOFT-MAGNETIC MASK FOR CONTACT PRINTING SERVO-PATTERN ON HARD DISC MEDIA
03026	00	United States	NON-ARCHING BIAS RAIL FOR MANUFACTURING OF MEDIA PROTECTIVE DLC OVERCOAT
03028	00	United States	MAGNETIC RECORDING MEDIA WITH DUAL-LAYER CARBON OVERCOAT
03031	00	United States	A TWO-STAGE LUBE PROCESS FOR IMPROVED MAGNETIC DISC TRIBOLOGY
03032	00	United States	HOLDER DESIGN FOR FLUID DYNAMIC BEARING (FDB) MOTOR PARTS DURING THE COATING PROCESS
03034	00	United States	METHOD FOR MONITORING TIPPING OF PADDED SLIDERS IN REAL TIME
03035	00	United States	RADIAL SEAL FIXTURE
03036	00	United States	SLOTTED CONE FOR VENTED FLUID BEARING
03038	00	United States	LAMINATED TARGET FOR MAGNETIC RECORDING MEDIA SPUTTERING

03039	00	United States	OPTIMIZED INTERFERENCE FIT DESIGN
03040	00	United States	VERTICAL ROTARY STAGE FOR LASER SCRIBING DISCS
03044	00	United States	METHOD FOR ACCURATE CHARACTERIZATION OF STICTION PERFORMANCE OF PADDED SLIDERS
04000	00	United States	DISC DRIVE ENCLOSURE
04002	00	United States	DATA BACKUP & RESTORE SYSTEM
04002	10	United States	DATA BACKUP & RESTORE SYSTEM
04003	00	United States	PROGRAM INTERFACE FOR CHANGER
04004	00	United States	3-PHASE SPINDLE MOTOR FWR BEMF
04005	00	United States	VARIABLE DENSITY ADAPTIVE FORMAT
04005	10	United States	VARIABLE DENSITY ADAPTIVE FORMAT
04006	01	United States	CABINET CONFIGURATION FOR LOADING DISC DRIVE APPARATUS
04007	01	United States	FLEXIBLE DISC RECEIVER USING A TRAY WHICH IS WITHDRAWN FROM A CARTRIDGE
04008	01	United States	FLEXIBLE DISC CARTRIDGE
04009	01	United States	FLEXIBLE DISC RECORDING APPARATUS
04010	01	United States	TRANSDUCER POSITIONER
04011	01	United States	WORK STATION ASSEMBLY
04012	01	United States	MODULE BOARD ASSEMBLY FIXTURE
04013	01	United States	MAGNETIC TAPE TRANSPORT MECHANISM
04039	01	United States	LOAD BEAM/ASSEMBLY
04042	01	United States	METHOD AND APPARATUS FOR BRUSHLESS DC MOTOR SPEED CONTROL
04053	01	United States	DISK DRIVE SYSTEM CONTROLLER ARCHITECTURE UTILIZING EMBEDDED REAL-TIME DIAGNOSTIC MONITOR
04054	01	United States	DISK DRIVE ARCHITECTURE
04055	01	United States	ACTUATOR FOR DISK DRIVE
04055	02	United States	ACTUATOR FOR DISK DRIVE
04056	01	United States	LATCH MECHANISM FOR DISK DRIVES
04056	02	United States	LATCH MECHANISM FOR DISK DRIVES
04058	01	United States	DISK DRIVE SOFTWARE SYSTEM ARCHITECTURE
04058	02	United States	DISK DRIVE SOFTWARE SYSTEM ARCHITECTURE

TRADEMARK
REEL: 002548 FRAME: 0323

04058	03	United States	DISK DRIVE SOFTWARE SYSTEM ARCHITECTURE
04060	02	United States	LOW HEIGHT DISK DRIVE
04060	03	United States	LOW HEIGHT DISK DRIVE
04060	06	United States	LOW HEIGHT DISK DRIVE
04060	10	United States	LOW HEIGHT DISK DRIVE
04061	04	United States	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04061	07	United States	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04061	10	United States	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04061	11	United States	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04061	05	United States	SMALL SIZE CONSTANT TORQUE VOICE COIL MOTOR
04062	01	United States	RIGID GASKET FOR DISK DRIVE
04062	02	United States	RIGID GASKET FOR DISK DRIVE
04064	01	United States	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04064	03	United States	MAGNETIC PARKING DEVICE FOR A DISK DRIVE
04066	01	United States	INFORMATION RECORDING APPARATUS WITH A LIQUID BEARINGS
04066	03	United States	INFORMATION RECORDING APPARATUS WITH A LIQUID BEARINGS
04066	04	United States	INFORMATION RECORDING APPARATUS WITH A LIQUID BEARINGS
04068	03	United States	DISK DRIVE APPARATUS
04068	04	United States	DISK DRIVE APPARATUS
04068	05	United States	DISK DRIVE APPARATUS
04070	01	United States	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04070	03	United States	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04070	04	United States	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04070	05	United States	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING

04071	07	United States	INFORMATION RECORDING APPARATUS WITH A NON-NEWTONIAN LIQUID BEARING
04072	01	United States	LOW-POWER HARD DISK DRIVE SYSTEM ARCHITECTURE
04072	02	United States	LOW-POWER HARD DISK DRIVE SYSTEM ARCHITECTURE
04072	04	United States	LOW-POWER HARD DISK DRIVE SYSTEM ARCHITECTURE
04075	02	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	03	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	04	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	05	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	06	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	07	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	08	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	09	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	11	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	14	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04075	12	United States	ARCHITECTURE FOR 2-1/2 INCH DIAMETER SINGLE DISK DRIVE
04078	01	United States	DISK DRIVE SYSTEM EMPLOYING ADAPTIVE READ/WRITE CHANNEL CONTROLS AND METHOD OF USING SAME
04078	03	United States	DISK DRIVE SYSTEM EMPLOYING ADAPTIVE READ/WRITE CHANNEL CONTROLS AND METHOD OF USING SAME
04079	03	United States	MULTIPLE ACTUATOR DISK DRIVE
04081	01	United States	UNDER-THE-HUB DISK DRIVE SPIN MOTOR
04081	02	United States	UNDER-THE-HUB DISK DRIVE SPIN MOTOR

TRADEMARK
REEL: 002548 FRAME: 0325

04082	01	United States	METHOD AND APPARATUS FOR REDUCING DISK DISTORTION UNDER CLAMPING LOAD IN A DISK DRIVE APPARATUS
04083	02	United States	DISK DRIVE APPARATUS
04083	03	United States	DISK DRIVE APPARATUS
04083	04	United States	DISK DRIVE APPARATUS
04099	01	United States	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04099	02	United States	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04099	03	United States	DISK DRIVE SYSTEM USING MULTIPLE EMBEDDED QUADRATURE SERVO FIELDS
04102	01	United States	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04102	02	United States	WET RIGID DISK DRIVE ASSEMBLY WITH A CONICAL SPINDLE BEARING
04103	01	United States	FLEXIBLE HOST INTERFACE CONTROLLER ARCHITECTURE
04106	01	United States	TWO AND ONE HALF INCH DIAMETER DISK DRIVE HAVING 0.6 INCH HEIGHT
04106	02	United States	TWO AND ONE HALF INCH DIAMETER DISK DRIVE HAVING 0.6 INCH HEIGHT
04111	01	United States	TRACK FORMAT AND RECORD CARRIER SYSTEM FOR SPLIT DATA FIELD SUPPORT
04111	03	United States	TRACK FORMAT AND RECORD CARRIER SYSTEM FOR SPLIT DATA FIELD SUPPORT
04111	04	United States	TRACK FORMAT AND RECORD CARRIER SYSTEM FOR SPLIT DATA FIELD SUPPORT
04113	01	United States	DISK DRIVE DATA PATH INTEGRITY CONTROL ARCHITECTURE
04118	01	United States	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04118	02	United States	TWO AND ONE HALF INCH DIAMETER MULTIPLE DISK DRIVE
04119	01	United States	HIGH PERFORMANCE DISK DRIVE ARCHITECTURE

TRADEMARK
REEL: 002548 FRAME: 0326

04119	02	United States	HIGH PERFORMANCE DISK DRIVE ARCHITECTURE
04120	01	United States	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04120	02	United States	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04120	03	United States	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04120	04	United States	SIGNAL PROCESSING SYSTEM INCLUDING ADAPTIVE READ EQUALIZER WITH SHUT OFF MODE FOR DISK DRIVES
04132	01	United States	1.8" WINCHESTER DRIVE CARD
04133	01	United States	SUBSTRATE TRANSPORT MECHANISM FOR USE IN HIGH THROUGHPUT SPUTTERING MACHINE
04133	02	United States	SUBSTRATE TRANSPORT MECHANISM FOR USE IN HIGH THROUGHPUT SPUTTERING MACHINE
04133	06	United States	SUBSTRATE TRANSPORT MECHANISM FOR USE IN HIGH THROUGHPUT SPUTTERING MACHINE
04133	10	United States	SUBSTRATE TRANSPORT MECHANISM FOR USE IN HIGH THROUGHPUT SPUTTERING MACHINE
04134	01	United States	THIN LINE MICRO HARD DISK ARCHITECTURE
04134	02	United States	THIN LINE MICRO HARD DISK ARCHITECTURE
04134	03	United States	THIN LINE MICRO HARD DISK ARCHITECTURE
04148	01	United States	ACOUSTICALLY DAMPED DUAL COVER FOR A DISK DRIVE
04149	01	United States	METHOD AND APPARATUS EMPLOYING SYSTEM FOR RECIRCULATING LIQUID IN A CONTROLLED ENVIRONMENT

TRADEMARK
REEL: 002548 FRAME: 0327

04149	02	United States	METHOD AND APPARATUS EMPLOYING SYSTEM FOR RECIRCULATING LIQUID IN A CONTROLLED ENVIRONMENT
04150	01	United States	LUBRICATED DISK DRIVE
04151	01	United States	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04151	02	United States	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04151	06	United States	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04151	03	United States	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04151	04	United States	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04151	05	United States	LOW HEIGHT TWO AND ONE-HALF INCH FORM FACTOR DISK DRIVE
04152	01	United States	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04152	02	United States	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04152	03	United States	MAGNETIC RECORDING MEDIA EMPLOYING A SOFT MAGNETIC LAYER
04155	01	United States	MAGNETIC PARKING DEVICE FOR DISK DRIVE
04156	01	United States	WIRE CARRIER FOR DISK DRIVE
04160	01	United States	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04160	02	United States	SYSTEM FOR SPUTTERING COMPOSITIONS ONTO A SUBSTRATE
04161	01	United States	HIGH CAPACITY TWO AND ONE-HALF INCH DISK DRIVE
04161	02	United States	HIGH CAPACITY TWO AND ONE-HALF INCH DISK DRIVE
04161	03	United States	HIGH CAPACITY TWO AND ONE-HALF INCH DISK DRIVE
04162	01	United States	SYSTEM FOR CORRECTING TRANSDUCER TANGENTIAL SKEW IN A DISK DRIVE SYSTEM HAVING TWO ACTUATORS
04163	02	United States	INTERFEROMETRIC FLYING HEIGHT MEASURING DEVICE
04170	01	United States	FLASH SOLID STATE DRIVE
04170	02	United States	FLASH SOLID STATE DRIVE

TRADEMARK
REEL: 002548 FRAME: 0328

04172	01	United States	HIGH TEMPERATURE HEAD SLIDER GEOMETRY CONTROL FOR CONTACT OR NEAR CONTACT RECORDING
04172	02	United States	HIGH TEMPERATURE HEAD SLIDER GEOMETRY CONTROL FOR CONTACT OR NEAR CONTACT RECORDING
04175	01	United States	FULL-HEIGHT DISK DRIVE ARRAY SUPPORT STRUCTURE
04176	01	United States	STACKABLE ACTUATOR ASSEMBLY
04177	02	United States	METHOD AND APPARATUS FOR CONTROLLING SPINDLE SPEED TO COMPENSATE FOR DRAG IN A DISK DRIVE SYSTEM
04178	01	United States	HEAD INCREMENTAL MODE FOR NEAR CONTACT AND CONTACT RECORDING
04178	02	United States	HEAD INCREMENTAL MODE FOR NEAR CONTACT AND CONTACT RECORDING
04179	01	United States	BURNISHABLE HEAD AND MEDIA FOR NEAR CONTACT AND CONTACT RECORDING
04182	01	United States	DATA BACKUP AND RESTORE SYSTEM FOR A COMPUTER NETWORK
04189	01	United States	DYNAMIC BUFFER CHAMBER
04191	01	United States	OXIDATION-STABILIZED HYDROCARBON LIQUID BEARINGS FOR LUBRICATED DISK DRIVES
04193	01	United States	APPARATUS AND METHOD FOR CONTROLLING THE FREQUENCY AT WHICH DATA IS WRITTEN IN A DISK DRIVE SYSTEM
04196	01	United States	MAGNETIC HEAD SUB-AMBIENT AIR PRESSURE SLIDER FOR A DISK DRIVE DEVICE OR THE LIKE
04198	01	United States	PARTIALLY ETCHED PROTECTIVE OVERCOAT FOR A DISK DRIVE SLIDER
04204	01	United States	DISK DRIVE INCLUDING EMBEDDED VOICE COIL MAGNET PLATES
04206	01	United States	DISK DRIVE STICTION RELEASE SYSTEM
04210	01	United States	DUAL IDENTIFICATION FOR DATA FIELDS OF A DISK DRIVE
04212	01	United States	MECHANICAL ARCHITECTURE FOR A DISK DRIVE DEVICE

TRADEMARK
REEL: 002548 FRAME: 0329

04216 01	United States	A SYSTEM AND METHOD FOR DING DETECTION IN A DISK DRIVE
04227 20	United States	METHOD AND APPARATUS FOR STARTING A HARD DISK DRIVE HAVING SEPARATE LANDING AND DATA ZONES
04227 30	United States	METHOD AND APPARATUS FOR STARTING A HARD DISK DRIVE HAVING SEPARATE LANDING AND DATA ZONES
04227 40	United States	METHOD AND APPARATUS FOR STARTING A HARD DISK DRIVE HAVING SEPARATE LANDING AND DATA ZONES
04227 50	United States	METHOD AND APPARATUS FOR STARTING A HARD DISK DRIVE HAVING SEPARATE LANDING AND DATA ZONES
04227 60	United States	METHOD AND APPARATUS FOR STARTING A HARD DISK DRIVE HAVING SEPARATE LANDING AND DATA ZONES
04227 70	United States	METHOD AND APPARATUS FOR STARTING A HARD DISK DRIVE HAVING SEPARATE LANDING AND DATA ZONES
04227 80	United States	METHOD AND APPARATUS FOR STARTING A HARD DISK DRIVE HAVING SEPARATE LANDING AND DATA ZONES
04228 10	United States	FLUID DYNAMIC BEARING WITH LOW STIFFNESS CHANGE OVER TEMPERATURE
04231 01	United States	STEADY STATE HEAT EXCHANGE PANELS
04238 00	United States	CORROSION AND DIFFUSION BARRIER DESIGN FOR INDUCTIVE AND MR MEDIA
04244 01	United States	DISTRIBUTED NETWORK DATA BACK-UP AND RECOVERY SYSTEM
04244 02	United States	DISTRIBUTED NETWORK DATA BACK-UP AND RECOVERY SYSTEM
04244 03	United States	DISTRIBUTED NETWORK DATA BACK-UP AND RECOVERY SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0330

04251	00	United States	METHOD FOR MEASUREMENT OF GAP-TO-MEDIA SPACING ON UNMODIFIED HEADS USING CAPACITANCE
04264	00	United States	SPUTERLESS TARGET FOR PRODUCING DISC DRIVES
04265	00	United States	USING "TOLERANCE RINGS" FOR POSITIONING DISKS ON SPINDLES
04266	00	United States	POWER DOWN CIRCUIT
04284	00	United States	IDE INTERFACE AND POWER CONNECTOR
04285	00	United States	SERVO ADDRESS MARK
04287	00	United States	TWO-PLANE BALANCED MOTOR
04288	00	United States	SCREW ON DISK CLAMP
04289	00	United States	CENTRAFUGAL VENT FOR A DISK DRIVE
05001	10	United States	FLYING OPTICAL HEAD
05006	00	United States	OPTICAL HEAD MICRO-MACHINED ELEMENT
05009	00	United States	OPTICAL HEAD USING MICRO-MACHINED ELEMENTS
05009	20	United States	OPTICAL HEAD USING MICRO-MACHINED ELEMENTS
05017	00	United States	SYSTEM AND METHOD FOR GENERATING POSITION ERROR SIGNALS WITHIN A COMPUTER MEMORY DEVICE
05018	10	United States	MAGNETO-OPTICAL HEAD
05022	00	United States	HYBRID WOBBLE GROOVE/SECTOR SERVO
05026	00	United States	AMORPHOUS MAGNETIC MATERIAL
05028	00	United States	HEAD-ARM SPEED DURING HEAD LOADING
05043	00	United States	OPTICAL DRIVE/LOW BIREFRINGENCE
05045	00	United States	AN ETCHED GLASS DISC PROCESS
05046	00	United States	METHOD FOR ESTIMATING THE LIFE OF A LASER
05052	00	United States	HI NA MOLDED OBJECTIVE LENS
05055	00	United States	ELECTRICAL ISOLATORS/MICROMACHINED
05056	00	United States	OBJECTIVE LENS/OPTICAL RESOLUTION

TRADEMARK
REEL: 002548 FRAME: 0331

05058	00	United States	OPTICAL DATA STORAGE SYSTEM UTILIZING POLARIZATION MAINTAIN OPTICAL FIBER
05064	00	United States	OPTICAL MICROSWITCH HAVING ELECTROSTATIC MICROACTUATOR AND METHOD FOR USE
05067	00	United States	OPTICAL HEAD DESIGN/FIBER END BACK
05072	00	United States	RADIAL POSITION ENCODING METHOD
05073	00	United States	SYSTEM AND METHOD FOR ENCODING READ-ONLY INFORMATION ON STORAGE MEDIA
05074	00	United States	BOOT CODE FLASHING METHOD/SIEMENS C
05075	00	United States	NON-IMAGING OPTICAL DEVICES/FLYING
05077	00	United States	OPTICAL HEAD DESIGN ELIMINATING
05083	10	United States	IMPROVED OPTICAL PROCESSING HEAD
05083	00	United States	IMPROVED OPTICAL PROCESSING HEAD
05084	00	United States	CYLINDRICAL PART HOLDING FIXTURE
05085	00	United States	IMPROVED OPTICAL REFLECTOR FOR MICRO-MACHINED MIRRORS
05086	00	United States	ELECTROSTATIC MICROACTUATOR
05091	00	United States	SILICON WAFER NEAR FIELD HEAD/GLASS
05092	00	United States	FLYING MAGNETO-OPTIC FLUX SENSOR
05095	00	United States	TWO GROOVED MEDIA APPROACHES
05096	00	United States	MAXIMIZING SNR IN AN OPTICAL RECORDING SYSTEM
05097	00	United States	MULTI-LAYER OPTICAL MEDIA RECORDING SYSTEM THAT USES A FLYING OPTICAL HEAD
05098	00	United States	DISCRETE TRACK AND BIT SERVO PATTERNED MEDIA THAT GIVE A CONSTANT FLYING HEIGHT
05099	00	United States	A FIXED OPTICS MODULE SCHEME FOR THERMALLY ASSISTED WINCHESTER DATA STORAGE

TRADEMARK
REEL: 002548 FRAME: 0332

05102	00	United States	PLANE-OF-POLARIZATION CONTROL SYSTEM FOR A FIBER COUPLED OPTICAL HEAD
05103	00	United States	ATTENUATION OF FLY HEIGHT MODULATION INDUCED BY PATTERNED MEDIA THROUGH FILLING OF THE PITS WITH LUBRICANT
05104	00	United States	LASER DOPPLER FLY HEIGHT MEASUREMENT: IN-SITU DETECTION
05107	00	United States	FLY HEIGHT CONTROL VIA IN-SITU LDV AND HEAD OR MEMS BASED ACTUATION
05108	00	United States	DISCRETE TRACK MEDIA PATTERNING PROCESS
05109	00	United States	REFERENCE SECTOR SELF SERVO WRITING METHOD
05113	00	United States	SOLID FLUROCARBON LUBRICANT LAYER FOR USE IN MAGNETO OPTICAL MEDIA
05114	00	United States	TRANSCODING MULTIMEDIA DATA SHUTTLE AND ARCHIVE
05118	00	United States	UV PROMOTED CROSSLINKING AND BONDING IN LUBRICANTS FOR MAGNETO-OPTICAL MEDIA THROUGH THE USE OF A PHOTOINITIATOR
05125	00	United States	METHOD FOR MEASURING THE POSITION OF THE HEAD BETWEEN SERVO SECTORS IN HARD DISK DRIVES EMPLOYING GROOVED MEDIA
05139	00	United States	SECTOR SERVO FORMAT FOR PATTERNED MEDIA THAT HAS MINIMAL SERVO SECTOR SIZE
08000	10	United States	PC/AT PROM W/ CONFIG. HD TABLE
08002	00	United States	IMPROVED BEARING RAILS FOR ACTUATOR
08006	10	United States	ANTI-GLITCH THIN FILM HEAD DESIGN
08006	00	United States	ANTI-GLITCH THIN FILM HEAD DESIGN
08007	00	United States	MAGNETIZING FIXTURE FOR WREN ACTUAT
08008	00	United States	GASKET INSTALLATION FIXTURE
08009	00	United States	NON-INTRUSIVE ELECTRICAL CONNECTOR

TRADEMARK
REEL: 002548 FRAME: 0333

08010	00	United States	OSCILLATING DEGASSER FOR ELEC. PLAT
08011	00	United States	CARBON-LOADED, PETG, HEAD PACKAGING
08011	10	United States	CARBON-LOADED, PETG, HEAD PACKAGING
08013	00	United States	SMALL GAGE WIRE TO CIRCUIT CARD CON
08014	00	United States	CANTED THIN FILM HEAD
08020	00	United States	SPUTTER-DEPOSIT S/L IN MAG. FIELD
08021	00	United States	WIRELESS VACUUM FIXTURE
08022	00	United States	MOTOR BRAKE CIRCUIT
08023	00	United States	CHLOROFLUOROCARBON SOLVENTS
08026	00	United States	HGA HEAD-GIMBAL-FLEXURE LOAD TOOL
08027	00	United States	MINIATURIZED FERRITE MIG RECORDING
08029	00	United States	REMOVALBLE DISK UNIT
08030	00	United States	ROTARY ACTUATOR SHIPPING LOCK
08032	00	United States	PARITY DISTRIBUTION FOR N BIT SUB.
08033	00	United States	DUAL BEAM, PRELOADED FLEXURE
08036	00	United States	OPTICAL FLYER
08038	00	United States	CONT. ADAPATIVE VELOCITY FEED FWRD
08039	00	United States	WINDOW LOCATION ADJUST
08040	00	United States	TEFLON-COATED FLEXURE: LESS STICKY
08041	00	United States	DIFFERENTIAL SLIMMER
08043	00	United States	ADAPTIVE VELOCITY PROFILE OFFSET
08045	00	United States	CHOPPED OFFSET SERVO COMPENSATION
08046	00	United States	MAGN. RECORDING HEAD W/LAMINATED I-
08047	00	United States	DATA FILL FOR PARALLEL TRANSF DRIVE
08050	00	United States	HYBRID RS ENCODE / DECODE
08051	10	United States	SECTORED SERVO POSITION DEMODULATOR SYSTEM
08052	00	United States	VAR. LEV. QUAL. FOR PULSE DETECT
08053	20	United States	DOUBLE-ENDED SPINDLE
08053	30	United States	DOUBLE-ENDED SPINDLE
08053	40	United States	DOUBLE-ENDED SPINDLE
08054	00	United States	CLAMSHELL DECK
08055	00	United States	CO2 AS SOLVENT TO REPLACE FREON

08056	00	United States	60HZ RUNNOUT COMPENSATION
08058	00	United States	RESTORING DISK ARRAY DATA W/O HOST
08059	00	United States	LOAD BEAM TOOLING HOLES
08060	00	United States	REDUCED TORQUE RIPPLE MOTOR
08060	10	United States	REDUCED TORQUE RIPPLE MOTOR
08062	00	United States	TAPE HEAD MANUFACTURING METHOD
08063	00	United States	ACTUATOR COIL
08064	00	United States	ACTUATOR BEARING LOAD SPRING
08065	00	United States	TFH ON FERRITE W/ INCLINED TOP POLE
08068	00	United States	DUAL WINDING SPINDLE AND CONTROL
08069	00	United States	WEDGE SERVO:COMBINED INTO 8056
08070	00	United States	MEMORY METAL DATA ARM DEFLECTOR
08076	10	United States	IMPROVED BUCKING-COIL SERVO HEAD
08080	00	United States	SERVO TRACK WRITER ARM
08086	00	United States	'C' BLOCK ACTUATOR IRON
08086	10	United States	'C' BLOCK ACTUATOR IRON
08089	00	United States	LAMINATED POLE T.F.H.
08091	00	United States	SYMMETRICAL STATIONARY SHAFT SPINDL
08093	00	United States	VARIABLE COMMUTATION DELAY MOTOR
08094	00	United States	FIXED DELAYED COMMUTATION MOTOR
08094	10	United States	FIXED DELAYED COMMUTATION MOTOR
08094	20	United States	FIXED DELAYED COMMUTATION MOTOR
08096	00	United States	LOAD SPRING WITH Z-FORMED FLANGES
08097	00	United States	SLIDER WITH RELIEVE TRAILING EDGE
08099	00	United States	DUAL PWM ACTUATOR CONTROL
08101	20	United States	METHOD FOR ALIGNING TFH POLE TIPS
08102	10	United States	SHIELDED TFH SERVO TRANSDUCER
08103	10	United States	LAMINATED FERRITE HEAD CORE
08105	00	United States	INLINE SWAGED E-BOCK
08106	00	United States	FINITE POLETIP UNDERSHOOT REDUCTION

TRADEMARK
REEL: 002548 FRAME: 0335

08107	00	United States	FABRICATING POLETIPS W/O UNDERSHOOT
08109	00	United States	SPINDLE ROTOR POSITION W/ MR HEADS
08111	00	United States	ZONED, LOW VELOCITY SEEK CALIBRATIO
08113	00	United States	BODY SNATCHER
08114	00	United States	HEAD SLIDER DAMPER
08116	00	United States	NPAB W/ RELIEVED RAIL ENDS
08116	10	United States	NPAB W/ RELIEVED RAIL ENDS
08119	00	United States	LIMITED SWAY VIBRATION ISOLATOR
08120	00	United States	METHOD FOR TFH BASECOAT RECESSION
08120	10	United States	METHOD FOR TFH BASECOAT RECESSION
08122	00	United States	TFH HAVING LOW SATURATION GAP LAYER
08123	00	United States	PHASE PLANE ON TRACK DETECTOR
08125	00	United States	GHOST DISCWARE CONFIGURATION OVERLA
08127	00	United States	OFFSET E-BLOCK FLEXURE BOSSES
08131	00	United States	SERVO TRACK WRITER ARM
08132	00	United States	ENHANCED EXCHANGE COUPLING OF MR
08133	00	United States	INTERRUPT DRIVEN MOTOR CONTROL
08134	10	United States	ACOUSTIC ISOLATION BY UTILIZING THI
08142	00	United States	MESA STRUCTURE FOR MR HEAD
08143	00	United States	REDUCED DISC SPACE ACTUATOR
08145	00	United States	COMBINED READ-WRITE MAGNETIC HEAD
08146	00	United States	MTD. OF MFG. THIN FILM HEAD
08147	00	United States	TF HEAD W/O WRAP AROUND POLE
08151	00	United States	SEEK WITH EXPONENTIAL DEMAND FILTER
08153	00	United States	DISC CENTERING TOOL
08154	00	United States	LATCHING SOLENOID
08154	10	United States	LATCHING SOLENOID
08155	00	United States	MR CONTACT FOR INDUCTIVE PICKUP
08155	10	United States	MR CONTACT FOR INDUCTIVE PICKUP
08155	20	United States	MR CONTACT FOR INDUCTIVE PICKUP
08156	00	United States	HEADERLESS DISC DRIVE
08157	00	United States	MOUNTING PLATE FOR HEAD-GIMBAL
08158	00	United States	THIN FILM INDUCTIVE TRANSDUCER

TRADEMARK
REEL: 002548 FRAME: 0336

08160	00	United States	ZERO-POWER-HOLD CARRIAGE LATCH
08162	00	United States	MODIFIED PULSE PAIR RECORDING
08164	00	United States	AIR BEARING SURFACE FOR 50 SERIES
08166	00	United States	FILTERS FOR PHASE LOCKED LOOPS
08166	10	United States	FILTERS FOR PHASE LOCKED LOOPS
08166	30	United States	FILTERS FOR PHASE LOCKED LOOPS
08168	05	United States	DISC FILE FLEXURE SUPPORT SERIES
08169	00	United States	DISC FILE FLEXURE 50 SERIES SLIDER
08171	00	United States	LANDING ZONE W/ MICRO-JOG CONTROL
08172	00	United States	BARBERPOLE CONTACTS FOR MR HEAD
08173	00	United States	BARBERPOLE BIAS DESIGN
08173	20	United States	BARBERPOLE BIAS DESIGN
08179	00	United States	SUSPENSION FEATURE / TAPERED EDGE
08180	00	United States	PLANAR FLUX GUIDES W/ MRE
08181	00	United States	YOKE-TYPE RECORDING HEADS
08183	00	United States	MAGNET BIAS OF THIN FILM HEAD
08184	00	United States	MR HEAD USING MAGNET STABILIZER
08184	20	United States	MR HEAD USING MAGNET STABILIZER
08186	00	United States	MAGNET & PERMALLOY SENSOR
08186	10	United States	MAGNET & PERMALLOY SENSOR
08187	00	United States	COIL AND CORE VOLTAGE PROTECTION
08187	01	United States	COIL AND CORE VOLTAGE PROTECTION
08189	00	United States	HALF-ETCH THICKNESS OF HARD DISC
08190	00	United States	SUPPORT ARM DAMPER FOR DISC FILE
08192	00	United States	QFP ADAPTER PLUG
08195	00	United States	HOT SILICON ION IMPLANTATION MODEL
08197	00	United States	IMRPOVED THERMAL MEASUREMENT SCHEME
08199	00	United States	COMPACT MAGNETIC CIRCUIT DESIGN
08202	00	United States	SINGLE HEADER FORMAT FOR MR HEAD
08205	00	United States	AIR BEARING SURFACE FOR 50 SERIES
08206	00	United States	HEAD GIMBAL ASSEMBLY FEATURE
08206	01	United States	HEAD GIMBAL ASSEMBLY FEATURE
08210	00	United States	IMPROVED PERFORM OF SLIDING CONTACT
08211	00	United States	LANDING ZONE USING PHOTOLITHOGRAPHY

08212	00	United States	MR HEAD WRITE-READ COMPENSATION
08215	00	United States	HOUR-GLASS DISK HEAD SLIDER
08217	00	United States	JEWEL-BEARING ACTUATOR DESIGN
08217	02	United States	JEWEL-BEARING ACTUATOR DESIGN
08217	10	United States	JEWEL-BEARING ACTUATOR DESIGN
08220	00	United States	SERVO BURSTS TO EXTEND LINEAR RANGE
08220	10	United States	SERVO BURSTS TO EXTEND LINEAR RANGE
08221	00	United States	DISC ISLOATION FOR MR HEAD
08222	00	United States	INVERTED MR HEAD
08222	20	United States	INVERTED MR HEAD
08223	00	United States	FLEX LEAD ATTACHMENT
08225	00	United States	SPIN TRANSDUCER
08228	00	United States	NO-FIELD,LOW POWER FEMN DEPOSITION
08229	00	United States	WAFER LEVEL TEST STRUCTURE-MR HEADS
08231	00	United States	FLEX CIRCUIT BOARD
08233	00	United States	SYSTEM FOR HEADERLESS SERVO
08233	10	United States	SYSTEM FOR HEADERLESS SERVO
08233	20	United States	SYSTEM FOR HEADERLESS SERVO
08233	30	United States	SYSTEM FOR HEADERLESS SERVO
08233	40	United States	SYSTEM FOR HEADERLESS SERVO
08233	50	United States	SYSTEM FOR HEADERLESS SERVO
08236	00	United States	HIGH MOMENT STEPPED POLE HEAD
08238	00	United States	IMPROVED CONTACTS FOR PMSC DESIGN
08240	00	United States	HOLE PATTERN FOR INSULATORS
08241	00	United States	METHOD FOR REDUCING LATENCY
08245	00	United States	SELF ALIGNED SLANTED CONTACT DESIGN
08246	10	United States	THIN FILM HEAD DESIGN W/ TOP POLE
08248	00	United States	ELECTRICALLY CONDUCTIVE PATH BETWEEN HEAD ASSEMBLY AND GIMBAL ASSEMBLY IN MAGNETIC DISC DRIVE
08249	00	United States	SAL MR READER
08253	00	United States	THERMAL EXPANSION COMPENSATOR
08255	00	United States	REDUCED LENGTH SUSPENSION W/BASE
08256	00	United States	SERVO POSITIONING ON OFFTRACK ERROR

TRADEMARK
REEL: 002548 FRAME: 0338

08259	00	United States	LOW INDUCTIVE SPRING FOR SOCKETS
08260	00	United States	TEMPERATURE VOLUME TO TEST CIRCUITS
08262	10	United States	CALIBRATING A FLYING HEIGHT TESTER
08266	10	United States	HEAD GIMBAL W/REDUCED SPACING
08267	00	United States	REDUCE WEAR FOR PROXIMITY RECORDING
08269	00	United States	FLEX CABLE W/REDUCED STIFFNESS
08271	10	United States	HEAD/DISK SURFACE POLE PATTERN
08272	00	United States	ESD GROUNDING DEVICE
08273	00	United States	SLIDER FOR PROXIMITY RECORDING
08275	00	United States	PKG REDUCES ROTATIONAL ACCELERATION
08282	00	United States	MECHANICAL LATCH
08285	00	United States	PARTITIONED BLOCK TRANSMISSION
08286	00	United States	BLOCK TRANSMISSION CODE/ENCODER
08287	00	United States	PRIORITY CONTROLLED BUFFER
08297	00	United States	METHOD TO REDUCE STICK/SLIP OF TAPE
08297	01	United States	METHOD TO REDUCE STICK/SLIP OF TAPE
08299	00	United States	HEAD ATTACHMENT IN DISK DRIVES
08300	05	United States	NON-OPERATING SHOCK PROTECTION
08306	00	United States	DISC SNUBBER FOR SHOCK PROTECTION
08307	00	United States	OPTIMIZATION OF A PRML CHANNEL
08313	00	United States	LOW COST DISC SNUBBER
08321	10	United States	NICKEL MANGANESE IN GMR SENSORS
08332	00	United States	DIODE PROTECTION FOR MR HEADS
08346	00	United States	AZIMUTH DISC DRIVE RECORDING
08349	00	United States	TEXTURED AIR BEARING SURFACES
08352	00	United States	SELFSYNCHRONIZATION FOR MR SYSTEMS
08363	00	United States	FLEX GIMBAL HEAD INTERCONNECT
08369	10	United States	SMALL FOOT PRINT GUIDE FOR MR HEADS
08374	00	United States	NETWORKED VIRTUAL PRINTER
08381	00	United States	SHORTED SHIELD INDUCTIVE PICKUP
08388	00	United States	THERMALLY ACTIVATED DUAL SERVO
08401	00	United States	DUAL SYNCHRONIZATION WORD DATA
08404	10	United States	MOTOR ACTIVE MAGNETIC BEARING

08409	00	United States	PZT BENDER
08417	10	United States	DATA TRANSFER OPTIMIZATION THROUGH SECTOR EVALUATION AND REALLOCATION DURING A DISC DRIVE IDLE MODE
08437	00	United States	SERVO OVERHEAD USING MIC. ACT.
08439	00	United States	DITHER FOR STICTION RELEASE
08440	00	United States	REDUCTION OF THERMAL BURNISH
08442	00	United States	MOUNTING OBJECTIVE OF SIL LENS PAIR
08443	00	United States	SLIDER FOR OPTICAL DISC DATA
08453	00	United States	HEAD DISC ASSEMBLY DAMPER
08454	00	United States	DUAL MATERIALS SHOCK MOUNT FOR IMPROVED SERVO TRACKING DURING LOW FREQUENCY OPERATING VIBRATION AND NON-OPERATED SHOCK
08461	00	United States	GLASS DISK WITH MAGNETIC ZONES
08464	00	United States	MICRO BALL IMPACT TESTER
08465	00	United States	HEAD LIFT LIMITER
08467	00	United States	SIL EQUIVALENT TO SIL REDUCTION
08470	10	United States	DUAL THROATED, SINGLE COIL HEAD
08477	10	United States	OPTICAL STORAGE SYSTEM/WAVEGUIDE
08479	00	United States	MR WRITER ABS TRIM DESIGN
08483	00	United States	SINGLE MATERIAL PZT BASED SLIDER
08484	00	United States	PZT SLIDER BODY MIC. ACT. CONCEPT
08490	00	United States	MICRO MACHINE
08491	10	United States	AIR DAMPER FOR DISC DRIVE ACTUATOR LATCH MECHANISM
08494	00	United States	ALTERNATE DATA SYNCHRONIZATION MARK
08495	00	United States	WRITE CURRENT TEMP. CTRL. CONFIG.
08497	00	United States	ADHESION LAYERS FOR LAMINATED DISCS
08498	00	United States	MULTI-LAYER LAMINATED DISCS
08507	20	United States	LASER TEXTURED AIR BEARING SURFACES
08521	00	United States	METHOD AND APPARATUS FOR INCREASING THE SAMPLE RATE OF A DISC DRIVE WITH LOW OVERHEAD
08527	00	United States	TWEEZERS FOR HGA TRAY REMOVAL
08529	00	United States	DISC DRIVE WITH ROBUST TRACK FOLLOWING SERVO CONTROLLER

08534	00	United States	MAGNET/BACKIRON BONDING STATION
08534	03	United States	MAGNET/BACKIRON BONDING STATION
08536	00	United States	CONSTANT DENSITY SERVO INFORMATION IN A DISC DRIVE
08541	00	United States	TEXTURING A ZONE TEXTURED DISC
08546	00	United States	ROTARY RAMP LOAD OF R/W HEADS
08546	03	United States	ROTARY RAMP LOAD OF R/W HEADS
08547	10	United States	C-RING DISC SNUBBER
08549	00	United States	MEAS. HEAD/DISK STICTION
08555	00	United States	DETECTION OF HEAD TAKEOFF/TOUCHDOWN
08565	00	United States	LEAD SCREW LATCH
08566	10	United States	STIFFENING ARM MASS DAMPER FOR A DISC DRIVE
08569	00	United States	NITRIDE PASSIVATED FLIP CHIP
08570	00	United States	POLYMIDE COATED FLIP CHIP
08576	10	United States	TRACKING SYSTEM FOR OPTICAL STORAGE
08596	10	United States	Self-Loading Head Slider Having Angled Leading Rails And Notched Cavity Dam
08599	00	United States	CYLINDRIAL FEATURE FOR RAMP LOAD
08605	00	United States	SCHEDULING DISC WRITES
08607	10	United States	MR HEAD RESISTANCE MEASUREMENT
08610	10	United States	COMPRESSION CONNECTOR CONTACT
08617	10	United States	ACTUATOR ASSEMBLY ATTACHMENT IN A DISC DRIVE
08620	00	United States	PIEZORESISTIVE SENSOR ARRAY
08622	00	United States	LOW NOISE ACTUATOR MOTOR
08627	00	United States	COOLING FOR MAGNETO OPTICAL TRANSDUCING HEAD HEAD
08632	10	United States	SUSPENSION ASSEMBLY GIMBAL Load Beam Stifener
08637	00	United States	TEXTURE FOR INTEGRATED LANDING PADS
08638	00	United States	CAPACTIVE TORQUE BOOST FOR MOTORS
08642	00	United States	METHOD FOR THERMAL CROSSTALK CONTROL ON OPTICAL MEDIA
08643	00	United States	OPTICAL DATA STORAGE SYSTEM

TRADEMARK
REEL: 002548 FRAME: 0341

08649	10	United States	MINIMIZING SETTLING TIME IN A DISC DRIVE SERVO SYSTEM
08651	00	United States	HAND TORQUE DRIVER
08652	00	United States	MAG. RECORDING DEVICE W/GEOMETRIES
08653	00	United States	MAG. RECORDING DEVICE W/TRACKS
08660	10	United States	MULT. DISK PACKS W/ SINGLE ACTUATOR
08674	00	United States	MEASURE AND CONTROL EMISSION
08683	10	United States	AERODYNAMIC PROPELLER LATCH FOR A DISC DRIVE
08687	00	United States	ACTUATOR DESIGN FOR FREEDOM SYSTEM
08689	00	United States	NIKON ESD GROUND TERMINAL BLOCK
08690	00	United States	WRAP AROUND SHOCK ABSORBER FOR DISC DRIVES
08696	00	United States	FLY HEIGHT CONTROL MECHANISM
08697	00	United States	COILS W/ULTRAHIGH PACKING DENSITY
08702	00	United States	Slider For Disc Storage System
08703	00	United States	MR PROXIMITY & DISPLACED CONTACT
08704	00	United States	LOCALIZED DISPLACED Magneto-Resistive Head
08708	00	United States	GMR SENSOR W/SELF SATURATED LAYER
08713	00	United States	DUAL ACTUATORS ON A COMMON PIVOT
08714	10	United States	PAWL LATCH FOR A DISC DRIVE
08715	10	United States	LATCH FOR DISC DRIVES
08722	00	United States	SOLUBLE ABRASIVE FOR MEDIA SURFACE
08723	00	United States	TNIN PERMALLOY FILMS W/ANISOTROPY
08724	00	United States	MR SENSOR W/CONNECTIONS TO SHIELDS
08728	00	United States	ION BEAM TREATMENT OF MR HEAD
08729	00	United States	FLEX CABLE METAL COATING FOR THERMAL MANAGEMENT OF ELECTROMECHANICAL DEVICES
08732	00	United States	MR EFFECT USING INSERTION LAYER
08734	00	United States	SAL FILMS AS SEED LAYER FOR HEADS
08738	00	United States	GMR READ SENSOR

08743	10	United States	SWAGELESS HEAD SUSPENSION AND METHOD OF ASSEMBLY THEREFOR
08746	00	United States	LOW COST DISK DRIVE TEST INTERFACE
08747	00	United States	SLICE TO CARRIER
08749	00	United States	NON-CONTACT CLOCK SYSTEM
08761	00	United States	MR HEAD W/LOW SENSOR RESISTANCE
08763	00	United States	SHOCK SUSPENSION W/LOW PRELOAD
08765	00	United States	BAR ADJUSTMENT FOR LAPPING MACHINE
08768	00	United States	MULTI-POSITION Z-AXIS CHECKER
08771	00	United States	GMR READ SENSOR W/MAGNETIC PIN
08772	00	United States	STRUCTURE TO ENHANCE SPIN VALVE/GMR
08773	00	United States	VERTICAL GMR READ HEAD DESIGN
08776	00	United States	METHOD TO PREVENT ARM/DISK DAMAGE
08777	00	United States	IMPROVE STRUCTURE OF GMR/SPIN VALVE
08779	00	United States	STORAGE SYSTEM WITH SPIN VALVE USING ARTIFICIAL ANTIFERROMAGNET LAYER
08781	00	United States	GLIDE HEAD WITH ACTIVE FLY HEIGHT CONTROL
08787	00	United States	ADAPTIVE CALIBRATION OF LINEAR ACCELEROMETERS TO DETECT ROTATIONAL VIBRATION IN A DISC DRIVE
08794	00	United States	REDUCTION OF MAGNETIC SPACING W/DLC
08800	00	United States	ROTATIONAL VIBRATION COMPENSATION USING AN OPTICAL VELOCITY SENSOR
08804	00	United States	HDA FOR HYDRODYNAMIC MOTOR
08812	00	United States	ESD PROTECTED ACOUSTIC ABSORBER
08828	00	United States	BASELINE MODULATION (BLM) HEADS
08829	00	United States	OPTICALLY ASSISTED RECORDING SYSTEM
08831	00	United States	SELF-BIASED SYMMETRIC SPIN VALVE
08832	00	United States	FLUX CONTAINING WRITER STRUCTURE
08834	00	United States	STABILIZER IN OPTICAL DISK SYSTEM
08835	00	United States	OPTICAL SWITCH USING ACTUATED LENS

TRADEMARK
REEL: 002548 FRAME: 0343

08839	00	United States	RV SENSOR FOR DISC DRIVES
08841	00	United States	DUAL VOICE COIL RV SENSOR
08845	00	United States	BIT DENSITY STORAGE DISC DRIVES
08846	00	United States	AIR BEARING FOR ULTA-LOW HEADS
08847	00	United States	GLIDE HEAD WITH CAPACITANCE PROBE
08848	00	United States	PZT GLIDE HEAD W/CAPACITANCE PROBE
08852	00	United States	TORSIONAL DISC ROT. VIB. SENSOR
08854	00	United States	FLASH REDUCTION IN PLASTICS
08862	00	United States	DUAL LAMINATED ARM DESIGN
08864	00	United States	MR TRANSDUCER WITH RECESSED POLE
08874	00	United States	ALT. METRIC FOR CHANNEL OPTIMIZE
08877	00	United States	NON-VOLATILE WRITE CACHE BACKUP
08879	00	United States	DISC MICROSLIPPAGE TESTING PLATFORM
08882	00	United States	SHOCK AND ROT. VIB. ISOLATORS
08884	00	United States	SLIDER FOR DATA STORAGE DEVICE WITH HEAD DISC INTERFACE FOR CONTACT STARTS AND STOPS ("CSS")
08886	00	United States	50 SERIES SMART BURNISH HEAD
08888	00	United States	FOS REFLOW SOLDER TIP
08892	00	United States	POLE DESIGN FOR MERGED MR HEADS
08896	00	United States	FAST SEQUENTIAL LBA ADDRESS
08904	00	United States	PREPARATION OF SOFT CONIFE FILMS
08912	00	United States	MASTER/SLAVE PROTOCOL FOR ATA
08919	00	United States	SLIP FIT BASEDECK DESIGN MOUNTING
08921	00	United States	METHOD AND APPARATUS FOR AN INTEGRATED MO DETECTION MODULE
08922	00	United States	MASS REFLOW OF HYBRID CIRCUIT CABLE
08923	00	United States	RECORDING SPIN VALVE HEAD
08924	00	United States	FOCUSED ION BEAM TRIM PROCESS
08926	00	United States	RECORDING MR/GMR HEAD
08927	00	United States	MAGNETIC PINNED LAYER
08928	00	United States	SUPER SLIDER FOR IMPROVED TRIBOLOGY
08931	00	United States	MIC. ACT. FOR DISC DRIVE TRACK
08931	10	United States	MIC. ACT. FOR DISC DRIVE TRACK
08935	00	United States	FLEX PIN ALIGNMENT TOOL
08936	00	United States	BIFILAR TAPE REMOVAL TOOL

TRADEMARK
REEL: 002548 FRAME: 0344

08939	00	United States	MULTI-RATE SERVO DISC DRIVE WITH MULTI-RATE WRITTEN-IN REPEATABLE RUN-OUT COMPENSATION
08944	00	United States	MODIFIED FOS W/SHIELDED READER
08949	00	United States	OPT. SHROUD CLEARANCE FOR MIN. WIND
08950	00	United States	OPT. RECIRCULATION FILTER PLACEMENT
08951	00	United States	SERVO CONTROLLER DESIGN VERIFY
08952	00	United States	OPTIMIZATION OF READ CHANNEL PARAMS
08953	00	United States	CHARGE FEEDBACK CONTROL OF MIC.-ACT
08957	00	United States	SPACER WITH RUBBER RING INSERTS
08958	00	United States	RUBBER RING INTEGRATED CLAMP DESIGN
08959	00	United States	SPINDLE HUB W/RUBBER RING INSERTS
08961	00	United States	ACTUATOR BEARING CARTRIDGE MOUNTING
08965	00	United States	OPTICAL SWITCH/TWO PIVOTING MIRRORS
08966	00	United States	SIMPLIFIED WAFER-LEVEL MO DETECTION
08969	00	United States	MEAS. FREQ. RESP. OF VEL. CONTROL
08972	00	United States	DIFFERENTIAL VGMR SENSOR
08973	00	United States	SPIN VALVE/GMR SENSOR USING A NIFECR SEED LAYER FOR A FREE LAYER
08979	00	United States	TOP POLE/OPTICAL LAPPING GUIDE
08984	00	United States	PIEZOACTUATOR FOR MAGNETIC HEAD
08985	00	United States	MAGNETIC HEAD W/MULTI R/W SENSING
08992	00	United States	DSMR READ HEAD W/BILAYER SENSING
08997	00	United States	CLOCK HEAD/SENSOR TO DETECT
09000	00	United States	INTERCONNECT WITHOUT FOS
09003	00	United States	BURIED SERVO PATTERNED MEDIA
09007	00	United States	OVER MOLDED RAMP LOAD/UNLOAD
09008	00	United States	OPT. SEQUENTIAL DATA TRANSFERS
09016	00	United States	FLEX CIRCUIT PANELIZATION
09038	00	United States	DRIVE REL W/DUAL STRIPE SIGNALS

TRADEMARK
REEL: 002548 FRAME: 0345

09054	00	United States	PARALLEL VIRTUAL SERIAL PORT
09061	00	United States	PULSE BY PULSE BASELINE INSTABILITY
09064	00	United States	APPARATUS SMALL FORCE MEASUREMENT
09066	00	United States	SPOT QUALITY FOR OPTICAL HEADS
09085	00	United States	OPTICAL SWITCH/SERVO MO DETECTION
09086	00	United States	OPTICAL SWITCH/WAVELENGTH DIVISION
09087	00	United States	QUASI-STATIC ERROR IN ROW SLICE
09088	00	United States	THIN FILM MAGNETIC WRITER W/TPWG
09089	00	United States	AFM EXCHANGE FOR SPIN VALVE SENSOR
09091	00	United States	ACTUATOR LATCH FOR DISC DRIVE
09095	00	United States	WAFER BASED THERMALLY ASSISTED OAW
09098	00	United States	OPTICAL SWITCH USING MEMS
09108	00	United States	REDUCE SIDE READING IN SPIN VALVE
09110	00	United States	CLOSED LOOP FLY HEIGHT CONTROL
09116	00	United States	FERROELECTRIC RAM BUFFER
09123	00	United States	SERIAL PORT DISK DRIVE ANALYZER
09129	00	United States	LOW PROFILE SPINDLE MOTOR DESIGN
09136	00	United States	COMPAQ TEST FIXTURE
09139	00	United States	APPARATUS FOR SMALL PART VOLUME MEASUREMENT
09140	00	United States	APPARATUS FOR MAGNETIC PART POSITION TOLERANCE ANALYSIS
09152	00	United States	PQ OBSERVER BASEDDUAL STAGE SERVO CONTROLLER
09157	00	United States	A PHASE MASK SYSTEM FOR SUPER-RESOLUTION AND IMPROVING THE DEPTH OF FOCUS IN OPTICAL STORAGE SYSTEMS
09167	00	United States	ADHESIVE PADDLE BOARD SHUNT
09184	00	United States	IDLE-MODE LOCATION-RELATED ACOUSTICS REDUCTION
09187	00	United States	TELECOMMUNICATIONS APPOINTMENT REMINDER
09190	00	United States	OPTIMIZATION OF SCI CONCENTRATION FOR BLISTER REDUCTION

TRADEMARK
REEL: 002548 FRAME: 0346

09191	00	United States	INDIUM BONDING OF SUSPENSION TO ACTUATOR ARM
09207	00	United States	BASE AND COVER COMBINATION FOR EMI SHIELDING
09208	00	United States	IMPROVED BASE DESIGN FOR VIBRATION AND ACOUSTICS REDUCTION
09209	00	United States	THERMAL DECAY ERROR RATE PERFORMANCE RECOVERY
09210	00	United States	SHOCK MOUNT SYSTEM FOR REDUCED SEEK ACOUSTICS
09213	00	United States	BUFF OPTIMIZATION PROCESS
09214	00	United States	CLASS 1/10/100 CLEANROOM STAINLESS STEAL ROLLER
09216	00	United States	FREEING OF THE FREELAYER IN AN EXCHANGE TAB SPIN-VALVE
09220	00	United States	LASER HEAD STACK STATIC ATTITUDE MEASURING MACHINE
09224	00	United States	PQ ENHANCED OBSERVER BASED DUAL STAGE CONTROLLER (PQEO)
09226	00	United States	ACTUATOR POSITION FEEDBACK WHEN HEADS ARE REMOVABLE
09233	00	United States	GLASS BALL BEARING
09248	00	United States	ROTARY ACTUATOR SHOCK INDUCER
09249	00	United States	HYDRAULIC PISTON/AIR CYLINDER ROTARY SHOCK INDUCER
09255	00	United States	VGA BASED WRITE/READER OFFSET MEASUREMENT
09260	00	United States	INTELLIGENT OFFLINE CRITICAL DATA SAVING ENGINE
09261	00	United States	MR BIAS CURRENT COMPENSATION READ RETRY ALGORITHM
09275	00	United States	METHOD OF MAXIMIZING RECORDING EFFICIENCY IN DISC DRIVES
09276	00	United States	TWO PUSHED-PIN FOR NOISE REDUCTION AND RELIABILITY IMPROVEMENT
09279	00	United States	OZONATED DI REDUCE LASER FIXTURE STAGING
09280	00	United States	MULTIPLEXING MASTER/SLAVE DETECTION WITH SERIAL PORT
09286	00	United States	FLUX LEAKAGE TESTER
09287	00	United States	OPTIMIZING DATA PREFETCHING IN A DISC DRIVE

TRADEMARK
REEL: 002548 FRAME: 0347

09294	00	United States	OPTICAL DISK LIGHT DELIVERY AND DETECTION SYSTEM
09298	00	United States	IMPLEMENTATION OF NEW DATA STORAGE MEDIA CERTIFICATION PROCESS
09303	00	United States	BI-LAYER PHOTORESIST UNDERCUT PROFILING BY SCATTEROMETRY
09309	00	United States	High Data Rate Writer Poles
09314	00	United States	AN HDD CLAMP AND RETAINER RING WITH LOCATING FEATURE
09315	00	United States	AN HDD CLAMP AND RETAINER FOR CENTERING THE DISK DURING ASSEMBLY
09322	00	United States	METHOD AND APPARATUS FOR HYSTERESIS CHARACTERIZATION OF PIVOT
09327	00	United States	ALTERNATE DOUBLE SIDED LEADS STRADDLE MOUNT CONNECTOR
09339	00	United States	EMBEDDED CODE EXECUTABLE
09343	00	United States	30 SERIES SLIDER LEVEL MFM/MSM PROBE FIXTURE
09344	00	United States	A CIRCUIT DESIGN OF A CURRENT SOURCE WITH PREAMPLIFIER FOR MSM APPLICATIONS
09345	00	United States	MAGNETIC SCANNING MICROSCOPY FIXTURE FOR MAGNETIC RECORDING HEAD GIMBAL ASSEMBLIES
09350	00	United States	NEW IMAGING SENSOR WITH A VERY HIGH RESOLUTION
09352	00	United States	MECHANICAL FIXTURE FOR A HARD DRIVE BASEDECK
09353	00	United States	BALANCE CORRECTION TOOL FOR A DISC DRIVE
09354	00	United States	VIBRATORY PART FEEDER FOR C-SHAPED WIRE RINGS
09359	00	United States	PERPENDICULAR READ HEAD SUITABLE FOR READING AT DENSITIES ABOVE 100 GBIT/IN 2
09364	00	United States	A DRIVE WITH RECONFIGURABLE ZONING AND SECTOR SIZING
09365	00	United States	DYNAMICALLY-RECONFIGURABLE, MULTIPLY-ZONED DISC DRIVE
09384	00	United States	SCRAP REDUCTION BY SLIDER ELECTRICAL FLY TEST BEFORE HGA

TRADEMARK
REEL: 002548 FRAME: 0348

09385	00	United States	SOFT CONIFE (1.8T) LUMP-FREE FILMS FOR PLATED SHARED POLE
09387	00	United States	FILTER CALIBRATION METHOD IN A DIGITAL CHANNEL
09398	00	United States	HIGH BANDWIDTH, LARGE FIELD MAGNETIC FIELD SENSOR
09407	00	United States	LAPTOP TOUCHPAD COVER OR DISABLE SWITCH
09409	00	United States	DATA SEPARATION METHOD FOR MULTIPLE DATA STORAGE TYPES
09415	00	United States	ULTRA-THIN PROTECTIVE COATINGS BASED ON TURBOSTRATIC BORON NITRIDE
09421	00	United States	LONGITUDINAL HEAD DESIGNED TO REDUCE SIDE FRINGING
09422	00	United States	SOFT UNDERLAYER LAMINATION WITH ANTIFERROMAGNETIC LAYERS
09427	00	United States	ADVANCE LOG ANALYSIS
09428	00	United States	PRINTED CIRCUIT SUBSTRATE TRACE COATING FOR FLIP CHIP ASSEMBLY CAPABILITY IMPROVEMENT
09429	00	United States	FLIP CHIP CIRCUIT TRACE TREATMENT TO REDUCE SOLDER WICKING
09430	00	United States	PARAMETRIC REPRESENTATION OF ADVANCED AIR BEARINGS
09439	00	United States	DUAL SPIN VALVE MAGNETORESISTIVE SENSOR
09441	00	United States	FLAT, SHORT YOKE HIGH DATA RATE WRITER
09442	00	United States	SEALED REMOVABLE CARTRDIGE
09445	00	United States	USER SLECTABLE OPTIMUM IOPS PERFORMANCE
09463	00	United States	HIGH RESOLUTION ADJUSTABLE TIMER
09465	00	United States	ENHANCEMENT OF FLEXIBLE CIRCUIT LIFE
09467	00	United States	LOW-BIAS FLEXIBLE-CIRCUITS
09470	00	United States	E-BLOCK FOR REDUCED NRRO
09471	00	United States	OPTIMAL DISC SPACING FOR NRRO REDUCTION AND WINDAGE LOSSES
09479	00	United States	QUANTIFYING BASE AND TOP COVER FOR EMI SHIELDING EFFECTIVENESS
09480	00	United States	ECC SYMBOL PERMUTER FOR TURBO CODES

TRADEMARK
REEL: 002548 FRAME: 0349

09481	00	United States	DEVICE FOR RAMP LOAD/UNLOAD OF HEAD FROM DISC MEDIA
09483	00	United States	AIR BEARING HEAD PARKING DEVICE FOR DISC DRIVE
09484	00	United States	MICROACTUATED SLIDER FLY HEIGHT ADJUSTMENT AND CONTROL SYSTEM
09485	00	United States	MICROACTUATED VERTICAL POSITIONING OF READ/WRITE ELEMENT ON SLIDER
09486	00	United States	REATTACHABLE SEAL FOR AUTOMATED REMOVAL AND REPLACEMENT
09491	00	United States	MULTIPLE INTERFACE DISK DRIVE TEST SYSTEM
09492	00	United States	SHROUD WITH VISCO-ELASTIC SPRING FOR IMPROVED DAMPING AND NON-REPEATABLE RUN OUT
09494	00	United States	VARIABLE DATA SECTOR SIZE IN HDD WITH EMBEDDED FILE MANAGEMENT SYSTEM
09504	00	United States	TRI-RAIL AIR BEARING DESIGN FOR GLIDE HEAD
09508	00	United States	DUAL STEP CARBON OVERCOAT FOR DISCS
09509	00	United States	SOFT CONIFE (1.8T) FILMS PLATED AT 40 DEGREE C FOR TOP POLE
09516	00	United States	PERPENDICULAR WRITE HEAD WITH SINGLE TURN COIL EXTENDING TO THE ABS
09521	00	United States	OPTIMUM POLE SHAPE FOR PERPENDICULAR RECORDING
09522	00	United States	PLANAR GEOMETRY THIN FILM HIGH MAGNETIC FIELD SOURCE
09523	00	United States	DISC DRIVE ISOLATED PROBE FOR ERROR INSERTION
09530	00	United States	QUIET SPINDLE DESIGN
09568	00	United States	A DISC DRIVE WITH SUB-SURFACE SERPENTINE TRACK FORMATTING
09570	00	United States	METHOD OF MERGING HEAD STACK WITH DISC STACK
09574	00	United States	USE OF PROTECTIVE OVERCOAT FOR OPTIMIZATION OF FLY HEIGHT OF MAGNETIC HEAD SLIDER

TRADEMARK
REEL: 002548 FRAME: 0350

09579	00	United States	OMEGA SHAPED SPINDLE BALANCE METHOD
09582	00	United States	HEAD STACK PARTICULATE MEASUREMENT DEVICE
09585	00	United States	MAGNETIC RECORDING HEADS WITH STATIC DISCHARGE WINDOWS
09587	00	United States	TUNING OF ACTUATORS FOR INCREASED SHOCK RESISTANCE: A NOVEL APPROACH OF MATCHING FREQUENCIES
09593	00	United States	HIGH RESOLUTION MAGNETIC FORCE MICROSCOPY (MFM) TIP
09602	00	United States	TIME INTERVAL MEASUREMENT AND DELAY GENERATOR
09607	00	United States	LOW RADIATION CIRCUIT FOR RESONANT DC-DC CONVERTER
09611	00	United States	A DEVICE FOR BETTER SHOCK PERFORMANCE AND LESS WINDAGE SENSITIVITY
09614	00	United States	DISC CENTERING DEVICE
09624	00	United States	ORGANIC STI-TYPE ADDITIVES USED FOR PREPARATION OF SOFT CONIFEO FILMS WITH HIGH SATURATION AND HIGH RESISTIVITY
09627	00	United States	SINGLE-PASS SLIDER AIR BEARING SURFACE FABRICATION
09633	00	United States	DRIVE/SPINSTAND OPTIMIZATION USING SIMULATED ANNEALING
09634	00	United States	A DRIVE/HOST SYSTEM WITH INTERFACE-CONTROLLABLE ACOUSTICS
09638	00	United States	A DRIVE/HOST SYSTEM WITH INTERFACE-CONTROLLABLE ALLOWABLE PERFORMANCE DEGRADATION
09639	00	United States	LED-BASED FEEDBACK-CONTROLLED LIGHT SOURCE FOR FLY-HEIGHT TESTING
09640	00	United States	IMPROVED HEAD DISK POSITION
09644	00	United States	ULTRATHIN PROTECTIVE OVERCOAT FOR MAGNETIC RECORDING MEDIA
09646	00	United States	METHOD FOR PRODUCTION OF ULTRATHIN OVERCOATS

TRADEMARK
REEL: 002548 FRAME: 0351

09647	00	United States	LOW COST OPTIMISED DAMPED TOP COVER
09654	00	United States	SPIN VALVE SENSOR WITH PERMANENT MAGNET BIAS FOR HIGH TRACK DENSITY RECORDING
09656	00	United States	CRITICAL DIMENSION (CD) DEFINITION BY MULTIPLE EXPOSURE METHODS (MEM)
09657	00	United States	TMR-WEIGHTED ERROR RATE TEST
09658	00	United States	ELECTRODE-POSITION OF CONIFE FILMS WITH BS=2.1 - 2.3T FOR BILAYER TOP POLE
09664	00	United States	SCREWLESS SPRING LOADED DISC CLAMP FOR HARD DISC DRIVE
09668	00	United States	DUAL SPIN DEPENDENT TUNNEL JUNCTION HEADS FOR HIGH DENSITY AND HIGH DATA RATE APPLICATIONS
09670	00	United States	ACOUSTIC TRACK FORMAT MAPPING SYSTEM
09682	00	United States	EFFICIENT BLOCK CODE IMPLEMENTATION FOR VERY LARGE CODE WORDS
09687	00	United States	LUBRICANTS FOR VERY SMOOTH DISK AT SMALL SPACING
09696	00	United States	WINDAGE REDUCTION METHOD
09697	00	United States	RECIRCULATION FILTER FOR ROTATING RECORDING DEVICES
09701	00	United States	A FAMILY OF NEAR-ZERO TPTR RECORDING HEAD DESIGNS
09703	00	United States	A MULTI-AXIS FIXTURE AND METHOD FOR SHOCK TESTING HARD DISK DRIVES
09705	00	United States	CORROSION & CONTAMINATION BARRIER FILMS W/ LOW FRICTION & WEAR RESISTANCE FOR HIGH DENSITY MAGNETIC RECORDING HEADS & DISKS
09711	00	United States	DISK CLAMP LOAD PROFILE MEASUREMENT
09715	00	United States	LONG LATENCY R/W CHANNEL TO CONTROLLER INTERFACE BUS AND CLOCKING

TRADEMARK
REEL: 002548 FRAME: 0352

09716	00	United States	LONG LATENCY R/W CHANNEL TO CONTROLLER INTERFACE BUS AND CLOCKING
09717	00	United States	LONG LATENCY R/W CHANNEL TO CONTROLLER INTERFACE BUS AND CLOCKING
09718	00	United States	LONG LATENCY R/W CHANNEL TO CONTROLLER INTERFACE BUS AND CLOCKING
09719	00	United States	OPTICAL SIGNALLING RECORDING HEAD
09725	00	United States	CENTER TAPPED WRITER
09732	00	United States	INTEGRAL MICRO-PUMP FOR PRESSURE REDUCTION IN A DISC DRIVE
09740	00	United States	AIR BEARING SLIDERS HAVING MULTI-CAVITY DEPTH
09743	00	United States	A METHOD TO FABRICATE WEDGE MAGNETIC POLE FOR A WRITER APPLICATION
09747	00	United States	SELF ALIGNING LOW PROFILE PIVOT CARTRIDGE FOR DISK DRIVE
09750	00	United States	HIGH RESOLUTION MAGNETIC FORCE MICROSCOPY (MFM) TIP
09754	00	United States	COUPLED SYNCHRONIZERS CIRCUIT
09755	00	United States	NEW DRIVE PLATFORM CONFIGURATION
09757	00	United States	IMPROVED SPINDLE DAMPER
09767	00	United States	SLIDER FLATNESS ADJUST ON A MOTHERSHIP
09781	00	United States	FABRICATION METHOD FOR INTEGRATED MICROACTUATOR COILS
09782	00	United States	BER OFF TRACK CAPABILITY MEASUREMENT CORRECTION USING WRITE-TO-READ TMR
09785	00	United States	COMPUTER SIMULATED ERROR RATE WITH TMR
09786	00	United States	LOW RESISTIVITY LAMINATE CONDUCTIVE STRUCTURE OF METALLIC AND SPECULAR REFLECTION LAYERS
09788	00	United States	MICROACTUATOR STRUCTURE WITH TWO OFFSET BEAM PAIRS

TRADEMARK
REEL: 002548 FRAME: 0353

09793	00	United States	MAGNETIC HEAD SLIDER WITH INDEPENDENTLY CROWNED ABS RAIL
09798	00	United States	POSITIVE CONVEYOR INTERFACE DRIVE MECHANISM
09805	00	United States	LONG LATENCY R/W CHANNEL TO CONTROLLER INTERFACE BUS AND CLOCKING
09806	00	United States	MICROMECHANICAL PHOTORESIST BRIDGE FOR NARROW LIFTOFF PATTERNING
09809	00	United States	MEDIA PATTERNING PROCESS USING FLYING NEAR FIELD OPTICAL ARRAY
09810	00	United States	TGMR HEADS USING A REVERSED PM JUNCTIONS FOR STABILIZATION
09811	00	United States	PLATED CONTACT LEAD FOR SUB 0.1 UM READING ELEMENT OF A RECORDING HEAD
09816	00	United States	MAGNETO-RESISTIVE ELEMENT HEATING/COOLING BASED SERVO METHOD
09820	00	United States	METHOD OF REDUCING SPINDLE MOTOR MAGENTIC LOSSES
09821	00	United States	ELITE A LASERMIKE E-BLOCK CHECKING FIXTURE
09823	00	United States	ELITE 9 E-BLOCK ARM BENDING TOOL
09828	00	United States	MAGNETIC MICROACTUATOR WITH LATERAL CAPACITIVE POSITION SENSOR
09829	00	United States	ION MILL SHUTTER SYSTEM FOR FORMING STRIP HEIGHT
09837	00	United States	POGO PIN INSERTION TOOL
09840	00	United States	AERODYNAMIC RAMP FOR DISC DRIVES
09843	00	United States	ROTATABLE COUNTERBALANCE FOR LIFT ENGAGEMENT AND DISENGAGEMENT
09846	00	United States	MAGNETIC MICROACTUATOR WITH PIEZORESISTIVE POSITION SENSOR
09850	00	United States	PATTERNED AIR BEARING CAVITY
09853	00	United States	AAB TURBO TRENCH
09854	00	United States	PATTERN SPECTRAL TUNING FOR SERVO PATTERNED MEDIA
09855	00	United States	SELF-CONTAINED INGREDIENT STIRRER

TRADEMARK
REEL: 002548 FRAME: 0354

09856	00	United States	PENDING AND GROWN DEFECT LIST TESTING
09857	00	United States	MEDIA INDEPENDENT MULTIPLE OVERLAY CODE EXECUTION
09861	00	United States	SELF-ADAPTATION OF TRACK SKEWS ACCORDING TO INTERFACE TRANSFER RATES
09871	00	United States	A TECHNIQUE TO FABRICATE 3D SHAPED MAGNETIC WRITER POLES
09872	00	United States	HEAD FLY HEIGHT CONTROL
09873	00	United States	METHODS FOR REDUCTION OF THE EFFECT OF AIR TURBULENCE INSIDE DISC DRIVES
09880	00	United States	METHOD OF SECURING DATA IN A HARD DISK
09888	00	United States	METHOD TO CAPTURE FREQUENCY DOMAIN INTENSITY WATERFALL
09889	00	United States	METHOD AND UTILITY FOR ANALYSIS OF MULTIPLE VIBRATION SPECTRA
09890	00	United States	ENHANCED MECHANICAL SIGNATURE ANALYSIS FAILURECRITERIA
09891	00	United States	ESTABLISHMENT OF FAILURE CRITERIA FOR NON-GAUSSIAN DISTRIBUTIONS
09892	00	United States	METHOD AND APPARATUS FOR TIME AND FREQUENCY DOMAIN ANALYSIS
09905	00	United States	OFF TRACK WRITE, ON TRACK READ SCHEME
09913	00	United States	SHUTTERING FOR HEAD MATERIAL REMOVAL PROCESS
09916	00	United States	LEADING EDGE AIR STOP
09921	00	United States	ELITE 9 E-BLOCK GRAM LOAD HEAD TESTER
09922	00	United States	A NEW METHOD TO REDUCE STICTION FOR CSS APPLICATION
09931	00	United States	ADHESIVE BREAK AWAY CERTIFICATION TEST FIXTURE
09937	00	United States	DATA INTEGRITY CHECKING IN A DIRECTLY ACCESSIBLE CACHE MEMORY
09938	00	United States	ATTENTION OF ROTATIONAL VIBRATION

TRADEMARK
REEL: 002548 FRAME: 0355

09941	00	United States	SYNTHETIC FERRIMAGNET STABILIZED MAGNETORESISTIVE SENSOR
09958	00	United States	UPSTREAM PLACEMENT OF HEAD/SUSPENSION ASSEMBLY TO REDUCE AIRFLOW INDUCED VIBRATION ON SUSPENSION ARMS
09975	00	United States	IMPROVED METHOD FOR STORING RESERVED INFORMATION IN A DISC DRIVE
09976	00	United States	SOFT START METHOD FOR VOLTAGE REGULATOR
09991	00	United States	HGA WIND STRIPPER AND DEFLECTION DEVICE FOR HARD DISC DRIVE
10001	00	United States	C60 DEPOSITION HARDWARE
10003	00	United States	VARIABLE BIT ASPECT RATIO (VBAR)
10004	00	United States	SPINDLE MOTOR ELECTRONICS CURRENT CONTROL CALIBRATION
10009	00	United States	HIGH THROUGHPUT RECORDING HEAD MINIMUM FLY HEIGHT VERIFICATION
10015	00	United States	LEAN ON YOUR NEIGHBORS PARAMETER OPTIMIZATION
10016	00	United States	METHOD OF DETECTING AND CORRECTING MISCALIBRATED MRJOG VALUES
10021	00	United States	LOW HK BI-LAYERED MEDIA FOR LONGITUDINAL RECORDING
10022	00	United States	METHOD OF REDUCING MOTOR MAGNETIC LOSSES
10026	00	United States	OPTIMIZING MOTOR ROCKING MODE USING BALANCING SPACER
10040	00	United States	FABRICATION OF MAGNETIC RECORDING HEADS AIDED BY MOLECULAR SELF-ASSEMBLY TECHNIQUES.
10051	00	United States	STORAGE DEVICE CACHE USING O/S FILE NI FORMATION
10057	00	United States	HDD CHASSIS VIBRATION CONTROL AND MONITOR
10058	00	United States	HDD TEST CHAMBER VIBRATION MONITOR
10064	00	United States	COMPENSATION METHOD FOR RRO AND NRRO

TRADEMARK
REEL: 002548 FRAME: 0356

10065	00	United States	RIGID DISK DRIVE BASE FOR ULTRA LOW NOISE EMISSION
10067	00	United States	ENHANCED COUPLING IN ANTI-PARALLEL COUPLED LONGITUDINAL RECORDING MEDIA
10068	00	United States	AIR BEARING GOEMETRY FOR MINIMIZING PATTERNED MEDIA-INDUCED FLY MODULATION
10073	00	United States	MAGNETIC READ SENSOR WITH TUNABLE LONGITUDINAL BIAS
10074	00	United States	COMPENSATION METHOD FOR RRO AND NRRO USING PZTS
10076	00	United States	SELF-ZONING HARD DRIVE
10090	00	United States	AIRFLOW REGULATING FEATURES TO HELP REDUCE AIRFLOW INDUCED VIBRATION ON SUSPENSION ARMS
10091	00	United States	AN OPTIMISED POWER-ON READ RETRY SCHEME
10093	00	United States	EXTERNAL DISC DRIVE BREATHER FILTER ASSEMBLY
10102	00	United States	AEROSOL GENERATION SYSTEM FOR DRIVE PARTICULATE CONTAMINATION STUDIES
10104	00	United States	DEDICATED TRACK FOR REDUCING ACTUATOR POWER CONSUMPTION
10105	00	United States	HIGH TPI DISK DRIVE ARCHITECTURE
10106	00	United States	SEALING MEANS FOR MAGNETIC STORAGE DEVICE
10111	00	United States	TWO-ELEMENT SLIDER
10118	00	United States	BLOCKING FLY BACK CURRENT FROM REACHING THE POWER SUPPLY IN DISK DRIVE MOTOR CONTROL
10120	00	United States	COMPACT POWER AMPLIFIER CIRCUIT
10124	00	United States	PREDICTION OF SOUND POWER FROM SELECTIVE RSS VIBRATION
10126	00	United States	HIGH SPEED SERIAL PORT BETWEEN SERVO ASIC AND POWER DEVICE
10128	00	United States	METHODOLOGY OF AUTOMATIC OPTICAL INSPECTION (AOI) TO DETECT CHIP COMPONENT ALIGNMENT
10129	00	United States	SERIAL NOISE ADDER FOR EMBEDDED PLL BODE PLOT MEASUREMENT

10139	00	United States	INWARD COMPRESSION OF REMOVABLE BALANCING ELEMENT FOR ROTATABLE ASSEMBLY
10140	00	United States	SCSI CONNECTOR WITH FERRITE BASED FILTER
10142	00	United States	METHOD OF SMOOTHING POLYCRYSTALLINE MATERIALS DURING ION MILLING
10144	00	United States	METHOD OF CONTROLLING SLIDER ABS PLANARITY DURING ION MILLING
10146	00	United States	COATING METHOD TO ALTER SLIDER SURFACE ENERGY AND REDUCE SURFACE CONTAMINATION
10147	00	United States	30 SERIES PZT GLIDE HEAD
10148	00	United States	ULTRASONIC MOTOR TO BE USED IN ACTUATOR
10154	00	United States	DEVICE TO AID IN POSITIONING OF RECORDING SLIDER AND GIMBAL
10157	00	United States	SELF-LOADING SUSPENSION FOR ENHANCED CONTACT START-STOP AND/OR SHOCK PERFORMANCE
10159	00	United States	A NOVEL DESIGN OF TUNNELING JUNCTION READ SENSOR WITH THE LARGE STRIPE HEIGHT OF THE FREE LAYER
10160	00	United States	A LUBELESS CARBON OVERCOAT SYSTEM USING C60
10161	00	United States	NEW ADHESION LAYER FOR SLIDER OVERCOAT
10162	00	United States	ROTATIONAL ACCELEROMETER FOR DISK DRIVE APPLICATION
10163	00	United States	KNURLED INTERFACE FOR IMPROVING SHOCK REQUIREMENT
10172	00	United States	GANTRY ROBOT PALLETIZER SYSTEM
10174	00	United States	SLEEVE FOR AUTO SCREW DRIVER
10177	00	United States	NON-AQUEOUS LUBRICANT ADDTIVE FOR LAPPING AND POLISHING
10179	00	United States	A LIFTOFF PROCESS WITHOUT USING UNDER-CUT (PMGI) LAYER
10184	00	United States	METHOD TO PREVENT DELAMINATION OF SI-BASED DIELECTRICS FROM COPPER
10185	00	United States	METHOD TO PREVENT DELAMINATION OF DIELECTRICS FROM NI FE

TRADEMARK
REEL: 002548 FRAME: 0358

10194	00	United States	LOAD AND UNLOAD RAMP WITH INTEGRATED DOWNSTREAM AIR DAM
10197	00	United States	METHOD FOR RETAINING CACHE DATA AFTER BURST TRANSFER
10199	00	United States	HORIZONTAL NORMAL-FORCE HDA BULKHEAD CONNECTOR
10208	00	United States	DISTRIBUTED DISC DRIVE SIMULATION
10210	00	United States	SCRIPT BASED DISC DRIVE SIMULATION AUTOMATION
10211	00	United States	METHOD AND TOOL FOR AUTOMATED WINBENCH BENCHMARK SCORE PREDICTION
10221	00	United States	ON-LINE LOOP SHAPING FILTER COEFFICIENTS GENERATION IN DISK DRIVE SERVO
10225	00	United States	DISK DRIVE BODE MEASUREMENT USING HYBRID CHIRP-SINE INJECTION
10227	00	United States	Recovering mistune drives using linear regression method
10230	00	United States	MONOCOQUE SUSPENSION WITH CURVED EDGES AND PHOTOLITOGRAPHICALLY DEFINED POLYMER CORE
10231	00	United States	ONE TIME STACK OR DRIVE LEVEL FLY HEIGHT ADJUST USING SMA
10237	00	United States	MAGNETORESISTIVE SENSOR HAVING LOW RESISTIVITY DUAL PATH CONDUCTOR AND OPTIMIZED MAGNETIC LAYER
10239	00	United States	Narrowband Resonant Biasing of MR Elements
10240	00	United States	Viscoelastic Coil Supported Structure For High Bandwidth Actuator
10245	00	United States	Protective Cover to Improve Shock Robustness
10247	00	United States	Heat Instrument
10261	00	United States	Femco Form Factor Slider
10272	00	United States	Shear Mode PZT Glide Asperity Detection Sensor
10304	00	United States	GLIDE HEAD BUILT WITH PRODUCT CONFIGURATIONS
10306	00	United States	RECORDING-HEAD DESIGN FOR DETECTION OF WRITER'S POLE TIP

TRADEMARK
REEL: 002548 FRAME: 0359

10315	00	United States	LATE RE-ENTRY FOR CSS APPLICATIONS
10320	00	United States	TUNABLE FILTERS YIELDING 100 PERCENT YIELDS
10376	00	United States	CONSTANT CURRENT CAPACITOR ANALYSIS TEST TECHNIQUE
10378	00	United States	DISC DRIVE HOT-PLUG IMPEDANCE TEST TECHNIQUE
10395	00	United States	OPTICALLY ASSISTED WAVEGUIDE INTEGRATED INTO A MAGNETIC WRITING POLE
10414	10	United States	FREQUENCY ATTENUATING FILTER APPARATUS AND METHOD FOR A DATA STORAGE DEVICE
10417	00	United States	DATA ENCRYPTING HARD DISC DRIVE
10433	00	United States	EARLY LEAK WARNING SYSTEM FOR A HELIUM FILLED DISK DRIVE
10454	00	United States	AIR BEARING DESIGNS TO REDUCE PARTICLE SENSITIVITY AT HIGH SKEWS
10488	00	United States	METHOD FOR DICING HARD DISK HEADS
10490	00	United States	FRONT TRENCH SLIDER FOR IMPROVED PARTICLE CONTAMINATION RESISTANCE
10496	00	United States	ELECTRODEPOSITION OF CO 39 FE 61 FILM WITH SMALL GRAIN SIZE AND BS=2.4 TESLA.
10539	00	United States	ERASURE PREVENTION FOR PERPENDICULAR MAGNETIC RECORDING HEADS
10618	00	United States	AIR FLOW MODIFICATION FOR REDUCED HAS VIBRATION EXCITATION

TRADEMARK
REEL: 002548 FRAME: 0360

Schedule V to the
U.S. Security Agreement

TRADEMARKS

TRADEMARK REGISTRATIONS

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
IMPRIMIS	Argentina	1658024	1335842	01-Aug-1988	08-Aug-1989
S DESIGN	Argentina	1607913	1316277	17-Jul-1987	03-Nov-1988
SEAGATE	Argentina	1,607,912	1.379.257	07-Jul-1987	30-Apr-1990
ARDAT	Australia		A577240		27-Apr-1992
CHEETAH	Australia	724986	724986	31-Dec-1996	16-Oct-1998
CHEETAH	Australia	724987	724987	31-Dec-1996	16-Oct-1998
ELITE	Australia	709819	709819	30-May-1996	21-Mar-1997
S DESIGN	Australia	A418492	418492	21-Nov-1984	21-Nov-1991
S DESIGN	Australia	611511	A611511	15-Sep-1993	15-Sep-1993
SEAGATE	Australia	720904	720904	30-Oct-1996	14-May-1997
SEAGATE	Australia	A418491	A418491	21-Nov-1984	21-Nov-1991
SEAGATE	Australia	611512	A611512	15-Sep-1993	15-Sep-1993
ANACONDA	Austria	AM 2256/92	143 424	07-May-1992	13-Aug-1992
ARDAT	Austria	AM 2253/92	143,421	07-May-1992	13-Aug-1992
CONNER	Austria	AM814/95	158,539	14-Feb-1995	29-Jun-1995
IMPRIMIS	Austria	AM3450/88	1222974	28-Jul-1988	09-Dec-1988
S DESIGN	Austria	AM2900-1987	119124	28-Jul-1987	23-Mar-1988
SEAGATE	Austria	AM 2901/87	119 125	28-Jul-1987	23-Mar-1988
S DESIGN	Bahamas	12,695	12,695	26-Nov-1987	17-May-1988
SEAGATE	Bahamas	12694	12694	26-Nov-1987	17-May-1988
ANACONDA	Benelux	779659	514656	29-Apr-1992	01-Dec-1992
ARDAT	Benelux	779654	514061	29-Apr-1992	29-Apr-1992
CHEETAH	Benelux	885767	615025	14-Jan-1997	14-Jan-1997
IMPRIMIS	Benelux	717950	449955	28-Jul-1988	06-Mar-1989
S DESIGN	Benelux	644811	375461	28-Aug-1981	28-Aug-1981
SEAGATE	Benelux	658.897	392932	29-Jun-1983	29-Jun-1983
SEAGATE TECHNOLOGY	Benelux	648955	379849	12-Mar-1982	12-Mar-1982
S DESIGN	Bolivia	39887	53401	25-May-1988	15-Nov-1988
SEAGATE	Bolivia	39888	53402	25-May-1988	15-Nov-1988
S DESIGN	Brazil	814011314	814011314	22-Dec-1987	27-Aug-1996
SEAGATE	Brazil	812582829	812582829	22-Aug-1989	22-Aug-1989
SEAGATE	Brazil		812582837	22-May-1986	27-Mar-1990
SEAGATE	Brazil	814011306	814011306	22-Dec-1987	27-Aug-1996
MARATHON	California		101116	08-Feb-1996	01-May-1996
SERIES 9000	California		78,668		26-Sep-1985

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
ARDAT	Canada	703,882	TMA452,069	27-Apr-1992	22-Dec-1995
S DESIGN	Canada	474,718	283473	25-Aug-1981	23-Sep-1983
SEAGATE	Canada	506,114	298508	06-Jul-1983	28-Dec-1984
SEAGATE	Canada	858513	TMA538,854	10-Oct-1997	19-Dec-2000
SEAGATE TECHNOLOGY	Canada	483,791	288,124	15-Mar-1982	24-Feb-1984
S DESIGN	Chile	111339	51898		04-Aug-1988
SEAGATE	Chile	288	319,430		14-May-1987
ARDAT	China	92029774	641479	02-Jun-1992	14-May-1993
Barracuda	China	9900039107	1481827	16-Apr-1999	27-Nov-2000
Barracuda	China	9900039110	1481829	16-Apr-1999	28-Nov-2000
Cheetah	China	9900039111	1497871	16-Apr-1999	28-Dec-2000
IMPRIMIS	China	8828780	354599	24-Aug-1988	20-Jul-1989
Medalist	China	9900039109	1481737	16-Apr-1999	28-Nov-2000
Medalist	China	9900039112	1481828	16-Apr-1999	28-Nov-2000
S DESIGN	China	88,2002	330814	19-Jan-1988	20-Nov-1988
SEAGATE	China	9900048093	1464485	05-May-1999	28-Oct-2000
SEAGATE	China	9900049028	1465719	07-May-1999	28-Oct-2000
SEAGATE	China	9900048089	1472772	05-May-1999	14-Nov-2000
SEAGATE	China	9900048098	1473198	05-May-1999	14-Nov-2000
SEAGATE	China	9900048097	1493615	05-May-1999	21-Dec-2000
SEAGATE	China	9900048096	1496653	05-May-1999	28-Dec-2000
SEAGATE	China	9900048092	1499222	05-May-1999	28-Dec-2000
SEAGATE	China	9900048088	1501878	05-May-1999	07-Jan-2001
SEAGATE	China	9900048091	1503070	05-May-1999	07-Jan-2001
SEAGATE	China	9900048090	1519373	05-May-1999	07-Feb-2001
SEAGATE	China	9900153068	1532691	17-Dec-1999	07-Mar-2001
SEAGATE	China	9900048094	1544569	05-May-1999	
SEAGATE	China	88/2004	330815	19-Jan-1988	20-Nov-1988
S DESIGN	Colombia	275269	134744	28-Aug-1987	23-Jun-1991
SEAGATE	Colombia	92/275.268	129552	28-Aug-1987	26-Sep-1990
S DESIGN	Costa Rica		86.389	14-Oct-1993	21-Mar-1994
SEAGATE	Costa Rica		86.390	14-Oct-1993	21-Mar-1994
S DESIGN	Croatia	Z940961A	Z940961	18-Apr-1994	18-Apr-1994
SEAGATE	Croatia	Z940960A	Z940960	18-Apr-1994	18-Apr-1994
S DESIGN	Czech Republic	93 83061	187586	23-Sep-1993	23-Sep-1993
SEAGATE	Czech Republic	9383062	182144	23-Sep-1993	05-Jan-1995

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
ANACONDA	Denmark	3378/92	VR0938319	07-May-1992	09-Oct-1992
S DESIGN	Denmark	4819/1987	5999/1990	17-Jul-1987	14-Sep-1990
SEAGATE	Denmark	4820/1987	03.874 1989	17-Jul-1987	30-Jun-1989
S DESIGN	Ecuador	40390/93	2724-94	21-Jul-1993	29-Aug-1994
SEAGATE	Ecuador	40391/93	2725-94	21-Jul-1993	29-Aug-1994
S DESIGN	Egypt	88479	88479	04-Oct-1993	16-Dec-1998
SEAGATE	Egypt	88478	88478	04-Oct-1993	07-Jul-1997
CHEETAH	European Community	1029909	001029909	21-Dec-1998	25-Jun-2001
S DESIGN	European Community	191320	191320	01-Apr-1996	01-Mar-1999
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176841	13-May-1999	25-Oct-2000
SEAGATE	European Community	001176841	1176851	13-May-1999	25-Oct-2000
SEAGATE	European Community	191288	191288	01-Apr-1996	15-Mar-1999
ARDAT	Finland	2119/92	126108	29-Apr-1992	20-Apr-1993
S DESIGN	Finland	3100/87	105000	16-Jul-1987	21-Aug-1989
SEAGATE	Finland	3099/87	107104	16-Jul-1987	20-Apr-1990

TRADEMARK
REEL: 002548 FRAME: 0364

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
WE'RE BACKING YOU ONE-HUNDRED PERCENT	Florida		T10451		01-Feb-1989
ANACONDA	France	92421910	92421910	09-Jun-1992	09-Jun-1992
APPSPACK	France	92/422,120	92422120		10-Jun-1992
ARDAT	France	92420897	92420897	29-May-1992	13-Nov-1992
CHEETAH	France	97/659182	97659182	15-Jan-1997	15-Jan-1997
IMPRIMIS	France	945156	1480387	28-Jul-1988	28-Jul-1988
READYPAK	France	92/422.119	92422119		10-Jun-1992
S DESIGN	France	606,277	1,689,804	09-Mar-1981	28-Aug-1981
SEAGATE	France	669 989	1,240,254	06-Jul-1983	06-Jul-1983
SEAGATE TECHNOLOGY	France	624.129	1.198.815	18-Mar-1982	18-Mar-1982
SY-TOS	France		1,353,533		05-May-1986
ANACONDA	Germany	A5233619WZ	2026818	29-Apr-1992	17-Dec-1992
APPSPACK	Germany	C43331/9Wz	2028012	01-Apr-1992	14-Jan-1993
ARDAT	Germany	A52337/9Wz	2,026,819	29-Apr-1992	17-Dec-1992
CHEETAH	Germany	39701366.3	39701366	15-Jan-1997	06-Nov-1997
IMPRIMIS	Germany	M63351/9WZ	1148209	29-Jul-1988	19-Oct-1989
READYPACK	Germany		2028185		18-Jan-1993
S DESIGN	Germany	S 36 671/7	1.033.944	08-Sep-1981	08-Sep-1981
SEAGATE	Germany	S39 030/9 Wz	1,058,577/9	30-Jun-1983	30-Jun-1993
SEAGATE TECHNOLOGY	Germany	S 37321/7 Wz	1.041.212	18-Mar-1982	18-Mar-1982
Seagate Technology	Germany	39745861.4	39745861	25-Sep-1997	11-Nov-1997
S DESIGN	Greece		101.878	03-Dec-1990	17-Mar-1994
SEAGATE	Greece		101877	03-Dec-1990	17-Mar-1994
SY-TOS	Greece		83,184		17-Jul-1988
S DESIGN	Guatemala	2065/96	81647	19-Mar-1996	23-Dec-1996
SEAGATE	Guatemala	2074/96	84283	19-Mar-1996	20-Mar-1997
IMPRIMIS	Hong Kong	4651/88	3580/1989	29-Jul-1988	24-Nov-1989
S DESIGN	Hong Kong	7728/93	4044/97	26-Jul-1993	08-Apr-1997
S DESIGN	Hong Kong	4212/86	B2211/1987	06-Oct-1986	28-Nov-1991
SEAGATE	Hong Kong	3780/84	173/196	12-Oct-1991	28-Nov-1984
S DESIGN	India	475 511	475511B	20-Jul-1987	15-Mar-1995
SEAGATE	India	475512	475,512	20-Jul-1987	30-Jun-1992
BARRACUDA	Indonesia	D9711595	413411	13-Jun-1997	27-Mar-1998
MARATHON	Indonesia	D9711597	425060	13-Jun-1997	27-Mar-1999
IMPRIMIS	Ireland	3247/88	A127754	28-Jul-1988	09-Nov-1989

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
S DESIGN	Ireland	2290/87	124992	14-Jul-1987	28-Nov-1988
SEAGATE	Ireland		123506	14-Jul-1987	14-Jul-1994
SY-TOS	Ireland		129,909		04-Oct-1988
S DESIGN	Israel	66858	66858	20-Jul-1987	20-Jul-1987
SEAGATE	Israel		66857		20-Jul-1987
APPSPACK	Italy	MI92C 002798	641612	15-Apr-1992	28-Dec-1994
CHEETAH	Italy	000327	786282	17-Jan-1997	17-Jan-1997
IMPRIMIS	Italy	23219C/88	8/2/88	02-Aug-1988	02-Aug-1988
READYPACK	Italy	MI92C 002797	641611	15-Apr-1992	28-Dec-1994
S DESIGN	Italy	21149/C/81	471.840	09-Sep-1981	19-Mar-1987
SEAGATE	Italy	20554 C/83	491533	13-Jul-1983	13-Apr-1988
SEAGATE TECHNOLOGY	Italy	19626 C/82	489 206	04-Jun-1982	08-Mar-1988
SY-TOS	Italy		19315c/86		17-Feb-1987
S DESIGN	Japan	06-734449	1,718,842	31-Oct-1994	31-Oct-1984
SEAGATE	Japan	58-64707	2463315	08-Jul-1983	30-Oct-1992
SEAGATE TECHNOLOGY	Japan	30212/1982	1,730,634	09-Apr-1982	27-Nov-1984
IMPRIMIS	Korea, Republic of	16825/1988	185407	28-Jul-1988	14-Dec-1989
S DESIGN	Korea, Republic of	17498/84	118492	23-Nov-1984	14-Oct-1985
SEAGATE	Korea, Republic of	6883/94	118491	14-Oct-1985	23-May-1996
SEAGATE	Korea, Republic of	10137/91	241507	15-Apr-1991	23-Jun-1992
S DESIGN	Kuwait	21602	21137	29-Jun-1988	17-Sep-1988
SEAGATE	Kuwait	21601	21136	29-Jun-1988	29-Jun-1988
S Design	Lithuania	99-0094	38827	19-Jan-1999	09-Jun-2000
Seagate	Lithuania	99-0095	38828	19-Jan-1999	09-Jun-2000
Seagate Technology	Lithuania	99-0096	38829	19-Jan-1999	09-Jun-2000
S DESIGN	Malaysia	MA/2514/90	90002514	19-Apr-1990	28-Apr-1998
IMPRIMIS	Mexico	46490	362665	03-Aug-1988	30-May-1989
S DESIGN	Mexico	29,714	347086	11-Aug-1987	27-May-1993
SEAGATE	Mexico	29715	345271	11-Aug-1987	11-Aug-1992
S DESIGN	New Zealand	173497	173497	02-Nov-1989	15-Jul-1987
SEAGATE	New	173498	173498	15-Jul-1987	15-Jul-1987

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
	Zealand				
CONNER	Norway	951050	174684	16-Feb-1995	27-Jun-1996
IMPRIMIS	Norway	88/3427	138539	29-Jul-1988	14-Sep-1989
S DESIGN	Norway	872944	138924	17-Jul-1987	12-Oct-1989
SEAGATE	Norway	872943	138923	17-Jul-1987	12-Oct-1989
S DESIGN	Pakistan		95252	26-Jul-1987	26-Jul-1994
SEAGATE	Pakistan	95251	95251	07-May-1987	26-Jul-1987
CONNER	Panama	74380	74380	24-May-1996	24-May-1996
S DESIGN	Panama	068519	68,519	12-Nov-1993	22-Jan-1996
S DESIGN	Paraguay	7493	205204	10-Aug-1987	21-Apr-1988
SEAGATE	Paraguay	07492	211389	10-Aug-1987	11-Dec-1987
BARRACUDA	Peru	93454	60322	19-Oct-1999	11-Jan-2000
CHEETAH	Peru	93433	93433	19-Oct-1999	29-Feb-2000
MEDALIST	Peru	93453	62947	19-Oct-1999	25-Apr-2000
S DESIGN	Peru	218535	74143	24-Jul-1987	08-Apr-1988
SEAGATE	Peru	124239	74093	24-Jul-1987	05-Apr-1988
IMPRIMIS	Philippines	66210	66210	11-Nov-1988	
S DESIGN	Philippines	56,646	43596	19-Jun-1985	27-Mar-1989
SEAGATE	Philippines	56,647	41217	19-Jun-1985	12-Sep-1988
SEAGATE TECHNOLOGY	Philippines	56645	42701	19-Jun-1985	19-Jan-1989
S DESIGN	Poland	Z126242	94484	27-Oct-1993	02-Sep-1997
SEAGATE	Poland	Z 126243	95568	27-Oct-1993	06-Oct-1997
S DESIGN	Portugal	242402	242402	28-Jul-1987	06-Jan-1992
SEAGATE	Portugal	242.401	242.401 A	28-Jul-1987	06-Jan-1992
S DESIGN	Russian Federation	93046674	129305	11-Oct-1993	14-Jul-1995
SEAGATE	Russian Federation	93046675	130488	11-Oct-1993	15-Aug-1995
S DESIGN	Saudi Arabia	22230	313/61	07-Sep-1993	17-Jul-1994
SEAGATE	Saudi Arabia	22229	309/23	07-Sep-1993	04-Jun-1994
IMPRIMIS	Singapore	4185/88	4185/88	10-Aug-1988	10-Aug-1988
S DESIGN	Singapore	1310/82	B1310/82	16-Mar-1982	16-Mar-1982
SEAGATE	Singapore	3483/83	1278/82	04-Jul-1983	28-Dec-1981
SEAGATE TECHNOLOGY	Singapore		1278/82	10-Mar-1982	28-Dec-1988
S DESIGN	Slovakia	0098-94	179098	20-Jan-1994	19-Dec-1997
SEAGATE	Slovakia	0099-94	178155	20-Jan-1994	21-Oct-1997
S DESIGN	Slovenia		9470222	24-Feb-1994	08-Nov-1996

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
SEAGATE	Slovenia	Z-9470223	9470223	24-Feb-1994	08-Nov-1996
S DESIGN	South Africa		87/5432		22-Jul-1987
SEAGATE	South Africa	87/5431	87/5431	22-Jul-1987	22-Jul-1987
SY-TOS	Spain		1,177,023		04-Nov-1988
ARDAT	Sweden	92-04121	244,162	29-Apr-1992	11-Dec-1992
S DESIGN	Sweden	81-4395	179-802	26-Aug-1981	22-Jan-1982
SEAGATE	Sweden	83-4248	190 892	24-Jan-1983	30-Mar-1984
SEAGATE TECHNOLOGY	Sweden	82-1535	182.730	11-Mar-1982	13-Aug-1982
SY TOS	Sweden		211,535		22-Jul-1988
IMPRIMIS	Switzerland	5253	367566	28-Jul-1988	07-Apr-1989
S DESIGN	Switzerland	4,590	364.022		14-Jul-1987
SEAGATE	Switzerland	5022	363,904	31-Jul-1987	31-Jul-1987
SY-TOS	Switzerland		351676		19-Jun-1986
S DESIGN	Taiwan	73-57524	296703	27-Nov-1984	01-Sep-1985
SEAGATE	Taiwan	(73)-57323	296702	27-Nov-1984	01-Sep-1985
S DESIGN	Thailand	145117	95855		18-Jan-1985
SEAGATE	Thailand	279114	TM34678	18-Jan-1985	18-Jan-1985
SEAGATE TECHNOLOGY	Thailand	288130	104484	26-Jun-1985	30-Sep-1986
S DESIGN	Turkey	52070/92	137508		17-Jul-1992
SEAGATE	Turkey		138,837		14-Sep-1992
S DESIGN	Ukraine	94010061/T	14610	03-Jan-1994	28-Feb-2000
SEAGATE	Ukraine	94010060/T	10328	03-Jan-1994	31-Aug-1998
CHEETAH	United Kingdom	2106195	2106195	19-Jul-1996	
ELITE	United Kingdom	1525404	1525404	28-Jan-1993	25-Aug-1995
IMPRIMIS	United Kingdom	1352973	1352973	28-Jul-1988	19-Feb-1990
S DESIGN	United Kingdom	1160580	B1,160,580	09-Mar-1981	18-Mar-1984
SEAGATE	United Kingdom	1,198,827	1,198,827	24-Jan-1983	01-Jul-1983
SEAGATE TECHNOLOGY	United Kingdom	1,171,622	1171622	17-Mar-1982	28-Dec-1981
SY-TOS	United Kingdom		B1302649		03-Mar-1987
WREN	United Kingdom	1296279	B1296279	23-Dec-1986	12-May-1989

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
ACCUTRAK	United States	73-722327	1,574,452	14-Apr-1988	02-Jan-1990
ACCUTRAK	United States	722328	1,574,453	14-Apr-1988	02-Jan-1990
AGENT ACCELERATOR	United States	74/666,951	2,074,899	27-Apr-1995	01-Jul-1997
ARCADA	United States	74/471,870	1,949,477	16-Dec-1993	16-Jan-1996
ARDAT	United States	74/077,490	1,682,711	12-Jul-1990	14-Apr-1992
BACKUP BASICS	United States	74/411,498	1,899,678	09-Jul-1993	13-Jun-1995
BACKUP EXEC	United States	74/356,958	1,988,765	08-Feb-1993	23-Jul-1996
BACKUP FOR THE FUTURE	United States	74/008,976	1,612,818		11-Sep-1990
BARRACUDA	United States	74/369,484	1,962,620	17-Mar-1993	19-Mar-1996
BARRACUDA	United States	74/713519	1,993,290	10-Aug-1995	13-Aug-1996
BARRACUDA AND DESIGN	United States	74/541127	1,992,372	24-Jun-1994	13-Aug-1996
BARRACUDA AND DESIGN	United States	74/541128	2,013,010	22-Jun-1994	05-Nov-1996
CACHETAPE & DESIGN	United States	73/446,301	1,332,960	03-Oct-1983	30-Apr-1985
CHEETAH	United States	75/137270	2,121,110	19-Jul-1996	16-Dec-1997
CHEETAH	United States	75/100711	2,129,848	08-May-1996	20-Jan-1998
CHEETAH	United States	75/190594	2,166,947	31-Oct-1996	23-Jun-1998
CIERA	United States	74/301,199	1,807,164	03-Aug-1992	30-Nov-1993
CONNER	United States		1,748,245		26-Jan-1993
CONNER	United States	74/240,114	1,752,317	24-Jan-1992	16-Feb-1993
CONNER	United States	74/614,092	1,950,870	22-Dec-1994	23-Jan-1996

TRADEMARK
REEL: 002548 FRAME: 0369

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
CONNER	United States	74/614,097	1,957,517	22-Dec-1994	20-Feb-1996
DISK-STOR	United States	74/605,868	1,985,108	02-Dec-1994	09-Jul-1996
ELITE	United States	74/161896	1780069	29-Apr-1991	06-Jul-1993
EXPRESS	United States	75/251095	2194857	04-Mar-1997	13-Oct-1998
EZ	United States	773,514	1,591,759	09-Jan-1989	17-Apr-1990
FINCH	United States	334,554	1228298	28-Oct-1981	22-Feb-1983
HAWK	United States	74/546,875	1,999,013	07-Jul-1994	10-Sep-1996
HYDROHEAD	United States	74/013,122	1,643,147	22-Dec-1989	30-Apr-1991
IMPRIMIS	United States	73/742614	1553545	27-Jul-1988	29-Aug-1989
INFORMATION, THE WAY YOU WANT IT.	United States	75/382590	2371466	31-Oct-1997	25-Jul-2000
LANSTREAM	United States	74/108,517	1,692,679	23-Oct-1990	09-Jun-1992
LARK	United States	323,235	1,237,121	11-Aug-1981	10-May-1983
MARATHON	United States	74/645809	2,078,322	07-Mar-1995	15-Jul-1997
MARATHON	United States	74/645810	2,078,323	07-Mar-1995	15-Jul-1997
MEDALIST	United States	74-673,201	1,965,644	02-May-1995	02-Apr-1996
MEDALIST	United States	74/673,226	1,965,645	02-May-1995	02-Apr-1996
MICROSTREAMER	United States	73/323,923	1,223,239	17-Aug-1981	11-Jan-1983
OPTIMEM	United States	73/609,947	1,442,873	17-Jul-1986	16-Jun-1987
QUARTERBACK	United States	73/414,724	1,274,211	24-Feb-1983	17-Apr-1984
S DESIGN	United States	300,124	1,224,002	09-Mar-1981	18-Jan-1983

TRADEMARK
REEL: 002548 FRAME: 0370

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
	States				
SEABOARD	United States	74/422,845	1,901,011	09-Aug-1993	20-Jun-1995
SEAFAX	United States	74/417,655	1,860,117	23-Jul-1993	25-Oct-1994
SEAFONE	United States	74/422841	1,862,888	09-Aug-1993	15-Nov-1994
SEAGATE	United States	410,667	1,269,032	24-Jan-1983	06-Mar-1984
SEAGATE	United States	74/306435	2,024,197	20-Aug-1992	17-Dec-1996
SEAGATE	United States	75/592,839	2,407,743	20-Nov-1998	28-Nov-2000
SEAGATE SOFTWARE	United States	74/306375	2,024,196	20-Aug-1992	17-Dec-1996
SEAGATE TECHNOLOGY	United States	73/343,481	1,238,123	28-Dec-1981	17-May-1983
SEASHELL	United States	75/777524	75/777524	16-Aug-1999	09-Apr-2002
SEASHIELD	United States	75/216161	2,136,962	20-Dec-1996	17-Feb-1998
SERIES 9000	United States	73/559,372	1,431,750	20-Sep-1985	10-Mar-1987
SOF STOR	United States	74/294,279	1,489,121	14-Jul-1992	
STORAGE EXEC	United States	74/411572	1,896,845	09-Jul-1993	30-May-1995
STORAGE SOLUTIONS	United States	738,056	1,552,622	05-Jul-1988	
SUPPORT PLUS	United States	74/076,339	1,694,997	09-Jul-1990	16-Jun-1992
SY-TOS	United States	643,012	1,458,092	05-Feb-1987	22-Sep-1987
SY-TOS PLUS	United States		1,583,463		20-Feb-1990
SYTRON	United States	73/769506	1,550,014	15-Dec-1988	01-Aug-1989
THE STORAGE ANSWER	United States	74/371,397	1,807,271	22-Mar-1993	30-Nov-1993

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
THREE ARROW LOGO	United States	73/462,791	1,313,289	27-Jan-1984	08-Jan-1985
TRUE COMPUTER GRADE DAT	United States	74/102,429	1,695,253	08-Oct-1991	16-Jun-1992
UNIVERSAL TAPE FORMAT	United States	73/817,293	1,663,969	07-Aug-1989	21-Nov-1991
VISQUS	United States	74/013,121	1,649,129	22-Dec-1989	25-Jun-1991
WE PUT THE BEST IDEAS INTO STORAGE	United States	73/516,952	1,353,812	10-Jan-1985	13-Aug-1985
WE'RE BACKING YOU ONE HUNDRED PERCENT	United States	73/770,137	1,550,835	19-Dec-1988	08-Aug-1989
WREN	United States	486,998	1,331,817	25-Jun-1984	23-Apr-1985
S DESIGN	Uruguay	221407	221407	30-Dec-1987	26-May-1988
SEAGATE	Uruguay	221349	221349	22-Dec-1987	28-Oct-1988
S DESIGN	Venezuela	11179	142.703	10-Aug-1987	04-Mar-1991
SEAGATE	Venezuela	11180/87	150571	10-Aug-1987	17-Jan-1994
S DESIGN	Vietnam	6020	5572	22-Feb-1992	22-Feb-1992
SEAGATE	Vietnam	6019	5571	22-Feb-1992	22-Feb-1992
S DESIGN	Yugoslavia	Z-590/93	40221	17-Sep-1993	26-Jun-1997
SEAGATE	Yugoslavia	Z-589/93	40220	17-Sep-1993	26-Jun-1997

TRADEMARK APPLICATIONS

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
CONNER	Australia	657685		05-Apr-1995	
IMPRIMIS	Australia	492099		29-Jul-1988	
SEAGATE TECHNOLOGY	Benelux				
CONNER	Brazil				
IMPRIMIS	Brazil				
IMPRIMIS	Canada	612200		02-Aug-1988	
OAW	Canada	884865		20-Jul-1998	
Cheetah	China	9900039108		16-Apr-1999	
CONNER	China	94038231		03-May-1994	

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
CONNER	China	94038230		03-May-1994	
OAW	China	9800085143		28-Jul-1998	
S DESIGN	China	1112		11-Apr-2000	
SEAGATE	China	9900049029		07-May-1999	
SEAGATE	China	9900048095		05-May-1999	
IMPRIMIS	Denmark	05293/88		01-Aug-1988	
IMPRIMIS	Finland	3301/88		28-Jul-1988	
CONNER	France				
Seagate	Germany	39745861.4		25-Sep-1997	
IMPRIMIS	Greece	90258		19-Aug-1988	
OAW	Hong Kong	9521/1998		18-Jul-1998	
IMPRIMIS	India				
CHEETAH	Indonesia	D9711596		13-Jun-1997	
MEDALIST	Indonesia	D9711598		13-Jun-1997	
S DESIGN	Indonesia	D9711599		13-Jun-1997	
SEAGATE	Indonesia	D9711593		13-Jun-1997	
SEAGATE TECHNOLOGY	Indonesia	D9711594		13-Jun-1997	
CONNER	Ireland				
CONNER	Israel	97059		13-Feb-1995	
IMPRIMIS	Israel	70018		02-Aug-1988	
CONNER	Italy				
APPSPACK	Japan	4-104978		17-Apr-1992	
CONNER	Japan				
IMPRIMIS	Japan	63/87675		29-Jul-1988	
OAW	Japan	10-62147		21-Jul-1998	
OPTIMEM	Japan	100638/90			
S DESIGN	Macedonia	Z-1753/94		26-Jul-1994	
SEAGATE	Macedonia	Z-1752/94		26-Jul-1994	
IMPRIMIS	Malaysia	88/04860		20-Sep-1988	
SEAGATE	Malaysia	MA/2515/90		19-Apr-1990	
IMPRIMIS	New Zealand	186008		29-Jul-1988	
SEAGATE	Panama	068492		12-Nov-1993	
CONNER	Paraguay				
IMPRIMIS	Portugal	249438		11-Aug-1988	
IMPRIMIS	Saudi Arabia	88/6408		28-Jul-1988	
CHEETAH	Spain	2068634		17-Jan-1997	

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
CONNER	Spain	1,949,599		22-Feb-1995	
IMPRIMIS	Spain	1271042		26-Aug-1988	
S DESIGN	Spain	1.208.601		28-Aug-1987	
SEAGATE	Spain	1.208.602S		28-Aug-1987	
S DESIGN	Sri Lanka	98449		21-Jun-2000	
S DESIGN	Sri Lanka	98447		21-Jun-2000	
SEAGATE	Sri Lanka	98448		21-Jun-2000	
SEAGATE	Sri Lanka	98446		21-Jun-2000	
IMPRIMIS	Sweden	88/06347		28-Jul-1988	
CONNER	Switzerland	Z-144076			
IMPRIMIS	Taiwan	(77)35576		02-Aug-1988	
OAW	Taiwan	87035415		21-Jul-1998	
SEAGATE TECHNOLOGY	Turkey				
S DESIGN	United Arab Emirates	29709		13-Jan-1999	
SEAGATE	United Arab Emirates	29710		13-Jan-1999	
CONNER	United Kingdom				
ELITE	United Kingdom	1525405		28-Jan-1993	
AEGEAN	United States	74/326,961		29-Oct-1992	
ALLEGHENY	United States	74/326,632		28-Oct-1992	
APPSPACK	United States	74/266,409		16-Apr-1992	
ASTORA	United States	74/474,990		28-Dec-1993	
AV PROFESSIONAL	United States				
BACKUP ADMIN	United States				
BACKUP MANAGER	United States	74/411,570		09-Jul-1993	
BAJA	United States	74/326,959		29-Oct-1992	

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
CAYMAN	United States				
DECATHLON	United States				
DECATHLON	United States	74/689912		16-Jun-1995	
DECATHLON	United States	74/689941		16-Jun-1995	
DERRINGER	United States	74/326,633		28-Oct-1992	
DISC DATA MANAGER	United States	740,594		18-Jul-1988	
DMS	United States				
EDRIVE	United States	75/756349		20-Jul-1999	
Excellence Through Ownership Quality I Own It	United States				
FAX EXEC	United States	74/363,185		23-Feb-1993	
FIRST NAME IN STORAGE	United States				
FLASH STOR	United States	74/326,579		28-Oct-1992	
HAND DESIGN	United States				
HIGH IQ	United States				
I'M COMMITTED TO QUALITY	United States				
INFINET VIEW ADVANTAGE	United States	74/632,012			
INFORMATION HOW, WHEN AND WHERE YOU NEED IT	United States	75/382779		31-Oct-1997	
INFORMATION HOW, WHEN AND WHERE YOU WANT IT	United States	75/382591		31-Oct-1997	

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
INFORMATION, THE WAY YOU NEED IT.	United States	75/382776		31-Oct-1997	
JAGUAR	United States	74/326582		28-Oct-1992	
KWIK STOR	United States				
MARQUIS	United States	74/298,193		27-Jul-1992	
MEGA STOR	United States				
MONTEREY	United States	74/326,921		29-Oct-1992	
MOVIESTOR	United States	75/680087		12-Apr-1999	
N.O.S.	United States	74/154200		02-Apr-1991	
OAW	United States	75/433996		13-Feb-1998	
PIRANHA	United States	74/153761		02-Apr-1991	
READYPACK	United States	74/266,315		16-Apr-1992	
S DESIGN	United States	74/644106		09-Mar-1995	
SANBLAST	United States	75/853,917		19-Nov-1999	
SANCENTER	United States	75/853,916		19-Nov-1999	
SANCENTRAL	United States	75/853,760		19-Nov-1999	
SANMARK	United States	75/804149		16-Sep-1999	
SANPOWER	United States	75/853,934		19-Nov-1999	
SAVANNA	United States				
SEABENCH	United States	74/065221		04-Jun-1990	
SEACARD	United	74/065222		04-Jun-1990	

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
	States				
SEAGATE	United States	74/645892		09-Mar-1995	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE	United States	75/284153		30-Apr-1997	
SEAGATE	United States	75/592839		20-Nov-1998	
SEAGATE AV PROFESSIONAL	United States				
SEAGATE EXPRESS	United States	75/194964		08-Nov-1996	
SEAGATE SOFTWARE	United States	74/284183		30-Apr-1997	
SEAGATE TECHNOLOGY	United States	74/306434		20-Aug-1992	
SEAGATE TECHNOLOGY	United States	74/306434		20-Aug-1992	
SEASHELL	United States	75/777523		16-Aug-1999	
SEASTREAM	United States	75/751004		16-Jun-1999	

Trademark Name	Country	Application No.	Registration No.	Filing Date	Registration Date
SEATDD	United States	74/435584		03-Sep-1993	
SPRINT	United States	74/554168		27-Jul-1994	
STORAGE DIRECTOR	United States	74/411,571		09-Jul-1993	
STORAGE INNOVATIONS	United States	74/113662		08-Nov-1990	
STORAGE VIEW	United States				
THERE IS ONLY ONE IMPORTANT PIECE OF INFORMATION	United States	75/382781		31-Oct-1997	
THERE IS ONLY ONE IMPORTANT PIECE OF INFORMATION	United States	75/382780		31-Oct-1997	
THERE IS ONLY ONE IMPORTANT PIECE OF INFORMATION	United States	75/382855		31-Oct-1997	
THERE IS ONLY ONE IMPORTANT PIECE OF INFORMATION	United States	75/382592		31-Oct-1997	
TRIGGER	United States	74/326,586		28-Oct-1992	
VDRIVE	United States	75/756179		20-Jul-1999	
WHERE IDEAS LIVE	United States				
WINDISCOVER	United States	74/564,634		23-Aug-1994	
ZBR	United States	74/063385		29-May-1990	
ZONE BIT RECORDING	United States	74/064473		29-May-1990	
ZORRO	United States	74/326,580		28-Oct-1992	
IMPRIMIS	Uruguay				

TRADEMARK
REEL: 002548 FRAME: 0378

TRADEMARK
REEL: 002548 FRAME: 0379

EXCLUDED LICENSES

CROSS–LICENSE AGREEMENTS

PARTIES		DATE
AKASHIC	Kubota Corporation/Akashic Memories Corporation/ Seagate Technology, Inc.	January 1, 1996
AMC	Applied Magnetics Corporation/Seagate Technology, Inc.	December 10, 1994
AREAL	Areal Technology, Inc./Seagate Technology, Inc.	April 29, 1993
ASAHI/ KOMAG	Asahi Komag, Co., Ltd./Seagate Technology, Inc.	July 31, 1995
CERIDIAN	(Formerly known as CONTROL DATA CORPORATION) Control Data Corporation/Imprimis Technology Incorporated/ Magnetic Peripherals Inc./Seagate Technology, Inc./ Seagate Technology International	September 29, 1989
FUJITSU LTD.	Fujitsu Limited/Seagate Technology, Inc.	December 16, 1996
HEADWAY	Headway Technologies, Inc./Seagate Technology, Inc.	February 1, 1995
HEWLETT-PACKARD	Hewlett-Packard Company/Seagate Technology, Inc.	February 3, 1993
HITACHI	Hitachi, Ltd./Seagate Technology, Inc. Hitachi, Ltd/Seagate Technology, Inc./Mike _____	June 8, 2000 July 26, 1993
IBM-SEAGATE	International Business Machines Corporation/Seagate Technology, Inc.	January 20, 1999
KOMAG	Komag, Inc./Seagate Technology, Inc.	May 1, 1997
MAXTOR	Maxtor Corporation/Seagate Technology, Inc.	July 30, 1998
HYUNDAI	Hyundai Electronics of America, Inc./Seagate Technology, Inc.	April 1, 1998
MICROPOLIS	Micropolis (S) PTE Ltd./Seagate Technology, Inc.	January 1, 1997
MINEBEA	Minebea Co., Ltd./Seagate Technology, Inc.	February 29, 2000
MOBILE STORAGE TECHNOLOGY	(Formerly known as INTEGRAL PERIPHERALS INC.) Mobile Storage Technology/Seagate Technology, Inc.	January 1, 1998
NEC	NEC Corporation/Seagate Technology, Inc.	November 9, 1993
NIDEC	Nidec Corporation/Seagate Technology, Inc.	April 1, 2000

TRADEMARK
REEL: 002548 FRAME: 0381

QUANTUM	Quantum Corporation/Seagate Technology, Inc.	July 7, 1992
READ-RITE	Read-Rite/Seagate Technology, Inc.	December 31, 1994
SANKYO SEIKI	Sankyo Seiki Mfg., Co., Ltd./Seagate Technology, Inc.	July 1, 1997
SHOWA DENKO	Showa Denko/Seagate Technology, Inc.	June 30, 1995
STORMEDIA	Stormedia Inc., Co., Ltd./Seagate Technology, Inc.	July 1, 1995
TDK	TDK Corporation/Seagate Technology, Inc.	November 1, 1995
TOSHIBA	Toshiba Corporation/Seagate Technology, Inc.	February 3, 1994
WESTERN DIGITAL	Western Digital Corporation/Seagate Technology, Inc.	January 1, 1997
YAMAHA	Yamaha Corporation/Seagate Technology, Inc.	December 7, 1998
IBM	IBM/Seagate Technology Holdings	December 15, 2001
Hitachi	Hitachi Ltd/Seagate Technology LLC	December 31, 2001
Maxtor	Maxtor Corporation/ Seagate Technology LLC	November 22, 2000
SCC	Storage Computer Corporation/Seagate Technology LLC	December 17, 2001

TRADEMARK
REEL: 002548 FRAME: 0382

KNOW-HOW AGREEMENTS

PARTIES		DATE
HEADWAY	Headway Technologies/Seagate Technology, Inc.	April 27, 1998
INTEGRAL PERIPHERALS	Integral Peripherals, Inc./Seagate Technology, Inc.	January 1, 1998
MINEBEA	Minebea Co., Ltd./Seagate Technology, Inc.	February 29, 2000
NIDEC	Nidec Corporation/Seagate Technology, Inc.	April 24, 20000
OBERG	Oberg Industries, Inc./Seagate Technology, Inc.	December 8, 1997
SANKYO	Sankyo Seiki Mfg. Co., Ltd./Seagate Technology, Inc.	July 17, 1997
SEIKO	Seiko Instruments, Inc./Seagate Technology, Inc.	January 31, 1998
SGS-THOMSON	SGS-Thomson Microelectronics N.V./ Seagate Technology, Inc./Seagate Microelectronics Ltd.	May 1, 1998
VEECO	Veeco Minneapolis Technology Center, Inc./ Seagate Technology, Inc.	February 11, 2000

LICENSE AGREEMENTS AND SETTLEMENT AGREEMENTS

PARTIES		DATE
AINE	Harry E. Aine/Seagate Technology, Inc.	June 11, 1993
ATASI CORP.	Atasi Corporation/Atasi Trust/Paul L. Farmer and Kenneth Broadbent, as Trustees of Atasi Trust/Seagate Technology, Inc./Robinson & Wood, Inc./Limbach & Limbach	July 15, 1992
COHEN	Dr. Uri Cohen/Magnetic Peripherals	October 31, 1998
CONNER/ FUJITSU	Conner Peripherals, Inc./Fujitsu Limited	February 17, 1993
CONNER/ PRAIRIE TEK	Prairietek Corporation/Committee of Unsecured Creditors/ Conner Peripherals/Alps Electric (USA), Inc./Alps Electric Co., Ltd.	March 20, 1992
	Conner Peripherals, Inc./Prairietek Corporation/Alps Electric Co., Ltd./Alps Electric (USA), Inc.	March 20, 1992
	Conner Peripherals, Inc./Alps Electric Co., Ltd.	April 2, 1992
DENSE-PAC	Dense-Pac Microsystems, Inc./Seagate Technology, Inc.	August 23, 1999
EXAR	Exar Corporation/Seagate Technology, Inc.	May 14, 1991
	Exar Corporation/Seagate Technology, Inc.	July 1, 1991
HEDGCOTH	Susan Alexander Hedgcoth/Seagate Technology, Inc.	December 4, 1998
HITACHI, LTD.	Hitachi, Ltd/Seagate Technology, Inc.	June 8, 2000
HITACHI/ IBM		
KFA	Forschungszentrum Jülich GmbH/Seagate Technology, Inc.	July 24, 1997
LEMELSON	Lemelson Medical, Education and Research Foundation, Limited Partnership/Seagate Technology, Inc.	August 7, 1999
3M	Minnesota Mining and Manufacturing Company/3M Innovative Properties Company/Seagate Technology LLC	October 17, 2000
Cambrian	Cambrian Consultants/Seagate Technology LLC	Feb 2, 2001
Censtor	Censtor/Seagate Technology LLC	March 7, 2002
Cohen	Uri Cohen/Seagate Technology LLC	July 12, 2001

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TRADEMARK
REEL: 002548 FRAME: 0384

Syndia	Syndia Corporation/ Seagate Technology Holdings	December 21, 2001

TRADEMARK
REEL: 002548 FRAME: 0385

MAYNARD	Ronald Maynard, Microdomain/Quinta Corporation, Quinta Partnership/Steven Kitrosser/Robert G. Teal/ Joseph E. David/Jeffery P. Wilde Read-Rite Corporation/Seagate Technology, Inc. Sierra Ventures V, O. P./Sierra Ventures V, L. P.	February & March 2000
MILLER/ LINDHOLD	Magnetic Peripherals, Inc./Michael A. Miller/Robert A. Lindholm	July 10, 1989
PAPST	Papst Licensing GmbH/Seagate Technology, Inc	April 16, 1993
PEMSTAR	Pemstar, Inc./Seagate Technology, LLC	August 27, 2000
STANFORD	The Board of Trustees of the Leland Stanford Junior University/ Quinta Corporation/Seagate Technology, Inc.	July 14, 1998
THOMAS & BETTS	Thomas & Betts Corporation/Seagate Technology, Inc.	December 20, 1999
WHITE	Dr. James W. White/Seagate Technology, Inc.	February 11, 1999

TRADEMARK
REEL: 002548 FRAME: 0386

Disclosed Matters

Legal Proceedings:

Intellectual Property Litigation and Claims:

Convolve Inc., et al. v. Compaq Computer Corporation, et al. On July 13, 2000, Convolve, Inc. and Massachusetts Institute of Technology filed suit against Compaq Computer Corporation and Seagate Technology in the U.S. District Court for the Southern District of New York, alleging patent infringement, misappropriation of trade secrets, breach of contract, tortious interference with contract and fraud relating to Convolve's Input Shaping® and Quick and Quiet™ technology. The plaintiffs claim their technology is incorporated in the Company's sound barrier technology, which was publicly announced on June 7, 2000. The complaint seeks injunctive relief, $800 million in compensatory damages and punitive damages. The Company answered the complaint on August 2, 2000 and filed cross-claims for declaratory judgment that two Convolve/MIT patents are invalid and not infringed and that the Company owns any intellectual property based on the Company information that was disclosed to Convolve. Plaintiffs' motion for expedited discovery was denied by the court. The court ordered plaintiffs to identify their trade secrets to defendants before discovery can begin on those issues. Convolve served a trade secrets disclosure on August 4, 2000, and we filed a motion challenging the disclosure statement. On May 3, 2001, the court appointed a Special Master to review the trade secret issues. The Special Master resigned on June 5, 2001, and the court appointed another Special Master on July 26, 2001. After a hearing on our motion challenging the trade secrets disclosure on September 21, 2001, the Special Master issued a report and recommendation to the court that the trade secret list was insufficient. Convolve revised the trade secret list, and the court entered an order on January 1, 2002, accepting the Special Master's recommendation that this trade secret list was adequate. Discovery has now begun on the trade secret issues. On November 6, 2001, the USPTO issued US Patent No. 6,314,473 to Convolve. Convolve filed an Amended Complaint alleging defendant's infringement of this patent, and the Company answered and filed counterclaims on February 8, 2002. No trial date has been set. The Company believes this matter is without merit and intends to defend it vigorously.

Papst Licensing, GmbH ("Papst"), has given the Company notice that it believes certain former Conner Peripherals, Inc. ("Conner") disc drives infringe several of its patents covering the use of spindle motors in disc drives. It is the opinion of the Company's patent counsel that the former Conner disc drives do not infringe any valid or enforceable claims of the patents. The Company also believes that subsequent to the merger with Conner, the Company's earlier paid-up license under Papst's patents extinguishes any ongoing liability. The Company also believes it enjoys the benefit of a license under Papst's patents since Papst Licensing had granted a license to Conner's motor vendors. Papst is currently involved in litigation with other disc drive and disc drive motor manufacturers. The Company entered into a tolling agreement with Papst that remains in effect. After the closing of the privatization transactions, Papst has taken the position that the 1993 Papst-Seagate Technology license was not properly assigned to the new entity and any new Seagate Technology disc drives would be assumed to be unlicensed. We believe that the assignment of the Papst license is legally effective.

Business Litigation

Environmental Matters:

Matter	Description
Omaha Plant Site 11514 I St Omaha, NE	Seagate is remediating this site under a Consent Order with EPA. Future costs assuming a 30-year project life are estimated at $7,300,000. Ceridian pays a portion of costs under the cost sharing agreement.

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FIXTURE FILINGS

FIXTURE FILINGS

DEBTOR	**JURISDICTION**
Seagate Technology LLC	CA, Santa Cruz
Seagate Technology LLC	CO, Boulder
Seagate Technology LLC	MN, Hennepin
Seagate Technology LLC	MN, Scott
Seagate Technology LLC	OK, Canadian

CASH ACCOUNT

Account Owner	Bank Name	Account No.
Seagate Technology LLC	Bank of America, N.A.	12337-08176

PERFECTION CERTIFICATE

Reference is made to (a) the Credit Agreement, dated as of May 13, 2002 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among SEAGATE TECHNOLOGY HOLDINGS ("Intermediate Holdings"), SEAGATE TECHNOLOGY HDD HOLDINGS (the "Cayman Borrower"), SEAGATE TECHNOLOGY (US) HOLDINGS, INC. (the "U.S. Borrower", and together with the Cayman Borrower, the "Borrowers"), the lenders from time to time party thereto (the "Lenders"), JPMORGAN CHASE BANK, as administrative agent (in such capacity, the "Administrative Agent"), and (b) the Security Agreement dated as of May 13, 2002 (as amended, supplemented or otherwise modified from time to time, the "Security Agreement") among the Grantors (as defined therein) and the Collateral Agent. Capitalized terms used herein but not defined herein have the respective meanings set forth in the Credit Agreement.

The undersigned, the [ ], of each of Intermediate Holdings, the Cayman Borrower and the U.S. Borrower, hereby certify to the Collateral Agent and each other Secured Party as follows:

1. Names. (a) The exact corporate name of each Grantor, as such name appears in its respective certificate of incorporation, is as follows:

(b) Set forth below is each other corporate name each Grantor has had in the past five years, together with the date of the relevant change:

(c) Except as set forth in Schedule 1 hereto, no Grantor has changed its identity or corporate structure in any way within the past five years. Changes in identity or corporate structure would include mergers, consolidations and acquisitions, as well as any change in the form, nature or jurisdiction of corporate organization. If any such change has occurred, include in Schedule 1 the information required by Sections 1 and 2 of this certificate as to each acquiree or constituent party to a merger or consolidation.

(d) The following is a list of all other names (including trade names or similar appellations) used by each Grantor or any of its divisions or other business units in connection with the conduct of its business or the ownership of its properties at any time during the past five years:

(e) Set forth below is the Federal Taxpayer Identification Number of each Grantor:

2. Current Locations. (a) The chief executive office of each Grantor is located at the address set forth opposite its name below:

Grantor	Mailing Address	County	State

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REEL: 002548 FRAME: 0392

(b) Set forth below opposite the name of each Grantor are all locations where such Grantor maintains any books or records relating to any Accounts Receivable (with each location at which chattel paper, if any, is kept being indicated by an "*"):

Grantor	Mailing Address	County	State

(c) Set forth below opposite the name of each Grantor are all the places of business of such Grantor not identified in paragraph (a) or (b) above:

Grantor	Mailing Address	County	State

(d) Set forth below opposite the name of each Grantor are all the locations where such Grantor maintains any Collateral not identified above:

Grantor	Mailing Address	County	State

(e) Set forth below opposite the name of each Grantor are the names and addresses of all Persons other than such Grantor that have possession of any of the Collateral of such Grantor:

Grantor	Mailing Address	County	State

3. Unusual Transactions. All Accounts Receivable have been originated by the Grantors and all Inventory has been acquired by the Grantors in the ordinary course of business.

4. File Search Reports. Attached hereto as Schedule 4(A) are true copies of file search reports from the Uniform Commercial Code filing offices where filings described in Section 5 hereto are to be made. Attached hereto as Schedule 4(B) is a true copy of each financing statement or other filing identified in such file search reports.

5. UCC Filings. Financing statements on Form UCC-1 in substantially the form of Schedule 5 hereto have been prepared for filing in the Grantor's jurisdiction of organization or other applicable filing jurisdiction.

6. Schedule of Filings. Attached hereto as Schedule 6 is a schedule setting forth, with respect to the filings described in Section 5 above, each filing and the filing office in which such filing is to be made.

7. Filing Fees. All filing fees and taxes payable in connection with the filings described in Section 5 above have been or will be paid.

8. Stock Ownership. Attached hereto as Schedule 8 is a true and correct list of all the duly authorized, issued and outstanding Equity Interests of each Subsidiary and each Borrower and the record and beneficial owners of such Equity Interests. Also set forth on Schedule 8 is each Equity Interest of Intermediate Holdings, each Borrower and each Subsidiary that represents 50% or less of the equity of the entity in which such investment was made.

9. Notes. Attached hereto as Schedule 9 is a true and correct list of all notes held by Intermediate Holdings, either Borrower and each Subsidiary and all intercompany notes between any of Intermediate Holdings, either Borrower and any Subsidiary.

10. Advances. Attached hereto as Schedule 10 is (a) a true and correct list of all advances made by Intermediate Holdings to either Borrower or any Subsidiary, made by any Subsidiary to either Borrower, Intermediate Holdings or to any other Subsidiary or made by either Borrower to the other Borrower, Intermediate Holdings or any Subsidiary, which advances will be on and after the date hereof evidenced by one or more intercompany notes pledged to the Collateral Agent under the U.S. Pledge Agreement and (b) a true and correct list of all unpaid intercompany transfers of goods sold and delivered by or to Intermediate Holdings, either Borrower or any Subsidiary.

11. Mortgage Filings. Attached hereto as Schedule 11 is a true and correct list setting forth, with respect to each Mortgaged Property, (i) the exact corporate name of the corporation that owns such property as such name appears in its certificate of incorporation, (ii) if different from the name identified pursuant to clause (i), the exact name of the current record owner of such property reflected in the records of the filing office for such property identified pursuant to the following clause and (iii) the filing office in which a Mortgage with respect to such property must be filed or recorded in order for the Collateral Agent to obtain a perfected security interest therein.

12. Intellectual Property. Attached hereto as Schedule 12(A) in proper form for filing with the United States Patent and Trademark Office is a schedule setting forth all of each Grantor's Patents, Patent Licenses, Trademarks and Trademark Licenses, including the name of the registered owner, the registration number and the expiration date of each Patent, Patent License, Trademark and Trademark License owned by any Grantor. Attached hereto as Schedule 12(B) in proper form for filing with the United States Copyright Office is a schedule setting forth all of each Grantor's Copyrights and Copyright Licenses, including the name of the registered owner, the registration number and the expiration date of each Copyright or Copyright License owned by any Grantor.

IN WITNESS WHEREOF, the undersigned have duly executed this certificate on this 13th day of May, 2002.

SEAGATE TECHNOLOGY HDD HOLDINGS,

by

_____

Name:
Title:

SEAGATE TECHNOLOGY (US) HOLDINGS, INC.

by

_____

Name:
Title:

SEAGATE TECHNOLOGY HOLDINGS,

by

_____

Name:
Title:

SUPPLEMENT NO. [ ] dated as of [ ], to the U.S. Security Agreement dated as of May 13, 2002, among SEAGATE TECHNOLOGY HDD HOLDINGS, an exempted limited liability company organized under the laws of the Cayman Islands (the "*Cayman Borrower*"), SEAGATE TECHNOLOGY (US) HOLDINGS, INC., a Delaware corporation (the "*U.S. Borrower*" and, together with the Cayman Borrower, the "*Borrowers*"), each subsidiary of the Cayman Borrower listed on Schedule I thereto (each such subsidiary individually, a "*Subsidiary*" and, collectively, the "*Subsidiaries*" and together with the Borrowers, the "*Grantors*") and JPMORGAN CHASE BANK, a New York banking corporation ("*JPMCB*"), as collateral agent (in such capacity, the "*Collateral Agent*") for the Secured Parties (as defined therein).

A. Reference is made to (a) the Credit Agreement dated as of May 13, 2002 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among the Borrowers, Seagate Technology Holdings, the lenders from time to time party thereto (the "Lenders") and JPMorgan Chase Bank, as administrative agent for the Lenders (in such capacity, the "Administrative Agent"), and (b) the U.S. Guarantee Agreement dated as of May 13, 2002 (as amended, supplemented or otherwise modified from time to time, the "U.S. Guarantee Agreement"), among the Guarantors (as defined therein) and the Collateral Agent.

B. Capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the U.S. Security Agreement and the Credit Agreement.

C. The Grantors have entered into the U.S. Security Agreement in order to induce the Lenders to make Loans and the Issuing Banks to issue Letters of Credit. Pursuant to Section 5.12 of the Credit Agreement and the Collateral and Guarantee Requirement, (a) each Subsidiary that is a U.S. Loan Party that is formed or acquired after the Effective Date, (b) each other Loan Party that is formed or acquired after the Effective Date that owns property in the United States that would constitute Collateral if such Loan Party were a party hereto, (c) each Moribund Subsidiary that owns property in the United States that would constitute Collateral if such Moribund Subsidiary were a party hereto and that would have been a Subsidiary Loan Party had it not been designated as a Moribund Subsidiary that ceases to be a Moribund Subsidiary and (d) each Insignificant Core Loan Party that owns property that would constitute Collateral if such Insignificant Core Loan Party were a party hereto and that would otherwise be a Core Loan Party that ceases to meet the qualifications of an Insignificant Core Loan Party is required to enter into this Agreement as a Grantor upon becoming a Subsidiary Loan Party. Section 7.15 of the U.S. Security Agreement provides that such Subsidiaries may become Grantors under the U.S. Security Agreement by execution and delivery of an instrument in the form of this Supplement. The undersigned Subsidiary (the "New Grantor") is executing this Supplement in accordance with the requirements of the Credit Agreement to become a Grantor under the U.S. Security Agreement in order to induce the Lenders to make additional Loans and the Issuing Banks to issue additional Letters of Credit and as consideration for Loans previously made and Letters of Credit previously issued.

Accordingly, the Collateral Agent and the New Grantor agree as follows:

SECTION 1. In accordance with Section 7.15 of the U.S. Security Agreement, the New Grantor by its signature below becomes a Grantor under the U.S. Security Agreement with the same force and effect as if originally named therein as a Grantor and the New Grantor hereby (a) agrees to all the terms and provisions of the U.S. Security Agreement applicable to it as a Grantor thereunder and (b) represents and warrants that the representations and warranties made by it as a Grantor thereunder are true and correct on and as of the date hereof except to the extent a representation and warranty expressly relates solely to a specific date, in which case such representation and warranty shall be true and correct on such date. In furtherance of the foregoing, the New Grantor, as security

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REEL: 002548 FRAME: 0396

for the payment and performance in full of the Obligations (as defined in the U.S. Security Agreement), does hereby create and grant to the Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, their successors and assigns, a security interest in and lien on all of the New Grantor's right, title and interest in and to the Collateral of the New Grantor. Each reference to a "Grantor" in the U.S. Security Agreement shall be deemed to include the New Grantor. The U.S. Security Agreement is hereby incorporated herein by reference.

SECTION 2. The New Grantor represents and warrants to the Collateral Agent and the other Secured Parties that this Supplement has been duly authorized, executed and delivered by it and constitutes its legal, valid and binding obligation, enforceable against it in accordance with its terms.

SECTION 3. This Supplement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. This Supplement shall become effective when the Collateral Agent shall have received counterparts of this Supplement that, when taken together, bear the signatures of the New Grantor and the Collateral Agent. Delivery of an executed signature page to this Supplement by facsimile transmission shall be as effective as delivery of a manually signed counterpart of this Supplement.

SECTION 4. The New Grantor hereby represents and warrants that (a) set forth on Schedule I attached hereto is a true and correct schedule of the location of any and all Collateral of the New Grantor and (b) set forth under its signature hereto, is the true and correct location of the chief executive office of the New Grantor.

SECTION 5. Except as expressly supplemented hereby, the U.S. Security Agreement shall remain in full force and effect.

SECTION 6. THIS SUPPLEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

SECTION 7. In case any one or more of the provisions contained in this Supplement should be held invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein and in the U.S. Security Agreement shall not in any way be affected or impaired thereby (it being understood that the invalidity of a particular provision in a particular jurisdiction shall not in and of itself affect the validity of such provision in any other jurisdiction). The parties hereto shall endeavor in good-faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

SECTION 8. All communications and notices hereunder shall be in writing and given as provided in Section 7.01 of the U.S. Security Agreement. All communications and notices hereunder to the New Grantor shall be given to it at the address set forth under its signature below, with a copy to the Borrowers.

SECTION 9. The New Grantor agrees to reimburse the Collateral Agent for its reasonable out-of-pocket expenses in connection with this Supplement, including the reasonable fees, other charges and disbursements of counsel for the Collateral Agent.

IN WITNESS WHEREOF, the New Grantor and the Collateral Agent have duly executed this Supplement to the U.S. Security Agreement as of the day and year first above written.

[NAME OF NEW GRANTOR],

by_____
Name:
Title:
Address:

JPMORGAN CHASE BANK, as Collateral Agent,

by_____
Name:
Title:

Schedule I
to Supplement No. [ ]
to the U.S. Security Agreement

LOCATION OF COLLATERAL

Description	Location