

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Guarantee and Collateral Agreement

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Chromalloy Gas Turbine LLC		12/03/2007	LIMITED LIABILITY COMPANY: DELAWARE

**RECEIVING PARTY DATA**

Name:	Lehman Commercial Paper, Inc.
Street Address:	745 Seventh Avenue
City:	New York
State/Country:	NEW YORK
Postal Code:	10019
Entity Type:	CORPORATION: NEW YORK

**PROPERTY NUMBERS Total: 8**

Property Type	Number	Word Mark
Registration Number:	1524839	CHROMALLOY
Registration Number:	1527366	
Registration Number:	2563399	CG T DER
Registration Number:	2514895	PACIFIC GAS TURBINE CENTER
Registration Number:	1339878	RT-21
Registration Number:	1233194	RT-22
Registration Number:	1254999	RT 44
Registration Number:	2386905	TIGER

**CORRESPONDENCE DATA**

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CH \$215.00 1524839

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ATTORNEY DOCKET NUMBER:	28490-26401
NAME OF SUBMITTER:	Janis Nici
Signature:	/janis nici/
Date:	02/20/2008

**Total Attachments: 138**

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GUARANTEE AND COLLATERAL AGREEMENT

made by

BLUE JAY ACQUISITION CORPORATION,  
BLUE JAY MERGER CORPORATION,  
as Initial Borrower,  
SEQUA CORPORATION,  
as Surviving Borrower,

and the Subsidiary Guarantors party hereto

in favor of

LEHMAN COMMERCIAL PAPER INC.,  
as Collateral Agent

Dated as of December 3, 2007

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## GUARANTEE AND COLLATERAL AGREEMENT

GUARANTEE AND COLLATERAL AGREEMENT, dated as of December 3, 2007, made by each of the signatories hereto, in favor of LEHMAN COMMERCIAL PAPER INC., as Collateral Agent (in such capacity, the "Collateral Agent") for the banks and other financial institutions or entities (the "Lenders") from time to time parties to the Credit Agreement, dated as of December 3, 2007 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Blue Jay Acquisition Corporation, a Delaware corporation ("Holdings"), Blue Jay Merger Corporation, a Delaware corporation (the "Initial Borrower"), Sequa Corporation, a Delaware corporation into which the Initial Borrower shall be merged ("Sequa" or the "Surviving Borrower"), the several banks and other financial institutions or entities from time to time parties to the Credit Agreement (the "Lenders"), Lehman Commercial Paper Inc., as Collateral Agent and Administrative Agent, Lehman Brothers Inc., Citigroup Global Markets Inc. and J.P. Morgan Securities Inc., as Syndication Agents, C.I.T. Leasing Corporation and HSBC Securities (USA) Inc., as Documentation Agents, JPMorgan Chase Bank, N.A., as Issuing Lender and Lehman Brothers Inc., Citigroup Global Markets Inc. and J.P. Morgan Securities Inc., as Joint Lead Arrangers and Joint Bookrunners.

### W I T N E S S E T H:

WHEREAS, pursuant to the Credit Agreement, the Lenders have severally agreed to make extensions of credit to the Borrower (as defined below) upon the terms and subject to the conditions set forth therein;

WHEREAS, the Borrower is a member of an affiliated group of companies that includes each other Grantor (as defined below);

WHEREAS, the proceeds of the extensions of credit under the Credit Agreement will be used in part to enable the Borrower to make valuable transfers to one or more of the other Grantors in connection with the operation of their respective businesses;

WHEREAS, the Borrower and the other Grantors are engaged in related businesses, and each Grantor will derive substantial direct and indirect benefit from the making of the extensions of credit under the Credit Agreement; and

WHEREAS, it is a condition precedent to the obligation of the Lenders to make their respective extensions of credit to the Borrower under the Credit Agreement that the Grantors shall have executed and delivered this Agreement to the Collateral Agent for the ratable benefit of the Administrative Agent, the Collateral Agent and the other Secured Parties;

NOW, THEREFORE, in consideration of the premises and to induce the Administrative Agent, the Collateral Agent and the Lenders to enter into the Credit Agreement and to induce the Lenders to make their respective extensions of credit to the Borrower thereunder, each Grantor hereby agrees with the Collateral Agent, for the ratable benefit of the Secured Parties, as follows:

### SECTION 1. DEFINED TERMS

1.1 Definitions. (a) Unless otherwise defined herein, terms defined in the Credit Agreement and used herein shall have the meanings given to them in the Credit Agreement, and the following terms

are used herein as defined in the New York UCC: “Accession”, “Account”, “As-Extracted Collateral”, “Certificated Securities”, “Chattel Paper”, “Commercial Tort Claim”, “Commodity Account”, “Commodity Contract”, “Document”, “Electronic Chattel Paper”, “Equipment”, “Financial Asset”, “Equipment”, “Fixture”, “General Intangible”, “Goods”, “Instrument”, “Inventory”, “Letter-of-Credit Right”, “Securities Account”, “Security”, “Security Certificate”, “Security Entitlement”, “Tangible Chattel Paper” and “Uncertificated Securities”.

(b) The following terms shall have the following meanings:

“Agreement”: this Guarantee and Collateral Agreement, as the same may be amended, supplemented or otherwise modified from time to time.

“Borrower”: (a) at any time prior to the consummation of the Merger Transactions, the Initial Borrower and (b) upon and at any time after the consummation of the Merger Transactions, the Surviving Borrower.

“Borrower Credit Agreement Obligations”: the collective reference to the unpaid principal of and interest on the Loans (including, for the avoidance of doubt, any New Loans), the Reimbursement Obligations and all other obligations and liabilities of the Borrower (including, without limitation, interest accruing at the then applicable rate provided in the Credit Agreement after the maturity of the Loans and Reimbursement Obligations and interest accruing at the then applicable rate provided in the Credit Agreement after the filing of any petition in bankruptcy, or the commencement of any insolvency, reorganization or like proceeding, relating to the Borrower, whether or not a claim for post-filing or post-petition interest is allowed in such proceeding) to the Administrative Agent, the Collateral Agent or any other Secured Party, whether direct or indirect, absolute or contingent, due or to become due, or now existing or hereafter incurred, in each case, which may arise under, out of, or in connection with, the Credit Agreement, this Agreement, the other Loan Documents, any Letter of Credit or any other document made, delivered or given in connection therewith, in each case whether on account of principal, interest, reimbursement obligations, fees, indemnities, costs, expenses or otherwise (including, without limitation, all fees and disbursements of counsel to the Administrative Agent, to the Collateral Agent or to the other Secured Parties that are required to be paid by the Borrower pursuant to the terms of any of the foregoing agreements).

“Borrower Hedge Agreement Obligations”: the collective reference to all obligations and liabilities of the Borrower and its Subsidiaries (including, without limitation, interest accruing at the then applicable rate provided in any Specified Hedge Agreement after the filing of any petition in bankruptcy, or the commencement of any insolvency, reorganization or like proceeding, relating to the Borrower, whether or not a claim for post-filing or post-petition interest is allowed in such proceeding) to any Lender or any affiliate of any Lender (or any Lender or any affiliate thereof at the time such Specified Hedge Agreement was entered into), whether direct or indirect, absolute or contingent, due or to become due, or now existing or hereafter incurred, in each case, which may arise under, out of, or in connection with, any Specified Hedge Agreement or any other document made, delivered or given in connection therewith, in each case whether on account of principal, interest, reimbursement obligations, fees, indemnities, costs, expenses or otherwise (including, without limitation, all fees and disbursements of counsel to the relevant Lender or affiliate thereof that are required to be paid by the Borrower and/or its Subsidiaries, as the case may be, pursuant to the terms of any Specified Hedge Agreement).

“Borrower Obligations”: the collective reference to (i) the Borrower Credit Agreement Obligations and (ii) the Borrower Hedge Agreement Obligations, but, as to clause (ii) hereof, only to the extent that, and only so long as, the Borrower Credit Agreement Obligations are secured and guaranteed pursuant hereto.

“Collateral”: as defined in Section 3.1.

“Collateral Account”: any collateral account established by the Collateral Agent as provided in Section 6.1 or 6.6.

“Copyright Licenses”: all written agreements naming any Grantor as licensor or licensee (including, without limitation, those listed in Schedule 4), granting any right under any Copyright, including, without limitation, the grant of rights to manufacture, distribute, exploit and sell materials derived from any Copyright.

“Copyrights”: (i) all copyrights arising under the laws of the United States, whether registered or unregistered and whether published or unpublished (including, without limitation, those listed in Schedule 4), all registrations and recordings thereof, and all applications in connection therewith, including, without limitation, all registrations, recordings and applications in the United States Copyright Office, and (ii) the right to obtain all renewals thereof.

“Deposit Account”: as defined in the Uniform Commercial Code of any applicable jurisdiction and, in any event, including, without limitation, any demand, time, savings, passbook or like account maintained with a depository institution.

“Foreign Subsidiary Voting Stock”: the voting Capital Stock of (i) any Foreign Subsidiary that is a Restricted Subsidiary or (ii) any Domestic Subsidiary, substantially all of the assets of which consist of the Capital Stock of one or more Foreign Subsidiaries.

“Grantors”: the collective reference to each signatory hereto (other than the Collateral Agent) together with any other entity that may become a party hereto as provided herein.

“Guarantor Obligations”: with respect to any Guarantor, all obligations and liabilities of such Guarantor which may arise under or in connection with this Agreement (including, without limitation, Section 2) or any other Loan Document to which such Guarantor is a party, in each case whether on account of guarantee obligations, reimbursement obligations, fees, indemnities, costs, expenses or otherwise (including, without limitation, all fees and disbursements of counsel to the Administrative Agent, to the Collateral Agent or to the other Secured Parties that are required to be paid by such Guarantor pursuant to the terms of this Agreement or any other Loan Document).

“Guarantors”: the collective reference to Holdings and the Subsidiary Guarantors that may become a party hereto as provided herein.

“Intellectual Property”: the collective reference to all rights, priorities and privileges relating to intellectual property, whether arising under United States, multinational or foreign laws or otherwise, now existing or hereafter adopted or acquired, including, without limitation, the Copyrights, the Copyright Licenses, the Patents, the Patent Licenses, the Trademarks and the Trademark Licenses, and all rights to sue at law or in equity for any infringement or other impairment thereof, including the right to receive all proceeds and damages therefrom.

“Intercompany Note”: any promissory note evidencing loans made by any Grantor to Holdings or any of its Subsidiaries.

“Investment Property”: the collective reference to (i) all “investment property” as such term is defined in Section 9-102(a)(49) of the New York UCC (other than any Excluded Capital Stock

excluded from the definition of “Pledged Stock”) and (ii) whether or not constituting “investment property” as so defined, all Pledged Securities.

“Issuers”: the collective reference to each issuer of a Pledged Security.

“Liens”: as defined in Section 3.1.

“New York UCC”: the Uniform Commercial Code from time to time in effect in the State of New York.

“Obligations”: (i) in the case of the Borrower, the Borrower Obligations and (ii) in the case of each Guarantor, its Guarantor Obligations.

“Patent License”: all written agreements providing for the grant by or to any Grantor of any right to manufacture, use or sell any invention covered in whole or in part by a Patent, including, without limitation, any of the foregoing referred to in Schedule 4.

“Patents”: (i) all letters patent of the United States, all reissues and extensions thereof, and all goodwill associated therewith, including, without limitation, any of the foregoing referred to in Schedule 4, (ii) all applications for letters patent of the United States, any other country or any political subdivision thereof, and all continuations and continuations in part thereof, including, without limitation, any of the foregoing referred to in Schedule 4, and (iii) all rights to obtain any reissues or extensions of the foregoing.

“Pledged Notes”: all promissory notes listed on Schedule 2, all Intercompany Notes at any time issued to any Grantor in excess of \$5,000,000 (or Intercompany Notes which, in the aggregate, are in excess of \$5,000,000) and all other promissory notes issued to or held by any Grantor in excess of \$5,000,000 (other than promissory notes issued in connection with extensions of trade credit by any Grantor in the ordinary course of business).

“Pledged Securities”: the collective reference to the Pledged Notes and the Pledged Stock.

“Pledged Stock”: the collective reference to (i) the shares of Capital Stock listed on Schedule 2 and (ii) any other shares, stock certificates, options, interests or rights of any nature whatsoever in respect of the Capital Stock of any Person that may be issued or granted to, or held by, any Grantor while this Agreement is in effect other than Excluded Capital Stock.

“Proceeds”: all “proceeds” as such term is defined in Section 9-102(a)(64) of the New York UCC and, in any event, shall include, without limitation, all dividends or other income from the Investment Property, collections thereon or distributions or payments with respect thereto.

“Receivable”: any right to payment for goods sold or leased or for services rendered, whether or not such right is evidenced by an Instrument or Chattel Paper and whether or not it has been earned by performance (including, without limitation, any Account).

“Securities Act”: the Securities Act of 1933, as amended.

“Trademark License”: all written agreements providing for the grant by or to any Grantor of any right to use any Trademark, including, without limitation, any of the foregoing referred to in Schedule 4.

“Trademarks”: (i) all trademarks, trade names, corporate names, company names, business names, domain names, fictitious business names, trade styles, service marks, logos and other source or business identifiers, and all goodwill associated therewith, now existing or hereafter adopted or acquired, all registrations and recordings thereof, and all applications in connection therewith, whether in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof, or otherwise, and all common-law rights related thereto, including, without limitation, any of the foregoing referred to in Schedule 4, and (ii) the right to obtain all renewals thereof.

“Vehicles”: all cars, trucks, trailers, construction and earth moving equipment and other vehicles covered by a certificate of title law of any state.

1.2 Other Definitional Provisions. (a) The words “hereof,” “herein,” “hereto” and “hereunder” and words of similar import when used in this Agreement shall refer to this Agreement as a whole and not to any particular provision of this Agreement, and Section and Schedule references are to this Agreement unless otherwise specified.

(b) The meanings given to terms defined herein shall be equally applicable to both the singular and plural forms of such terms.

(c) Where the context requires, terms relating to the Collateral or any part thereof, when used in relation to a Grantor, shall refer to such Grantor’s Collateral or the relevant part thereof.

## SECTION 2. GUARANTEE

### 2.1 Guarantee.

(a) Each of the Guarantors hereby, jointly and severally, unconditionally and irrevocably, guarantees to the Collateral Agent for the ratable benefit of the Administrative Agent, the Collateral Agent, the other Secured Parties and their respective permitted successors, indorsees, transferees and assigns, the prompt and complete payment and performance by the Borrower when due (whether at the stated maturity, by acceleration or otherwise) of the Borrower Obligations.

(b) Anything herein or in any other Loan Document to the contrary notwithstanding, the maximum liability of each Guarantor hereunder and under the other Loan Documents shall in no event exceed the amount which can be guaranteed by such Guarantor under applicable federal and state laws relating to the insolvency of debtors (after giving effect to the right of contribution established in Section 2.2).

(c) Each Guarantor agrees that the Borrower Obligations may at any time and from time to time exceed the amount of the liability of such Guarantor hereunder without impairing the guarantee contained in this Section 2 or affecting the rights and remedies of the Administrative Agent, the Collateral Agent or any other Secured Party hereunder.

(d) The guarantee contained in this Section 2 shall remain in full force and effect until all the Borrower Obligations and the obligations of each Guarantor under the guarantee contained in this Section 2 shall have been satisfied by payment in full (other than Borrower Hedge Agreement Obligations and contingent or indemnification obligations not then due), no Letter of Credit (that is not cash collateralized or back-stopped to the reasonable satisfaction of the Issuing Lender or purchasing Lender, as applicable, in respect thereof) shall be outstanding and the Commitments shall have been terminated, notwithstanding



that from time to time during the term of the Credit Agreement the Borrower may be free from any Borrower Obligations.

(e) No payment (other than payment in full in cash) made by the Borrower, any of the Guarantors, any other guarantor or any other Person or received or collected by the Administrative Agent, the Collateral Agent or any other Secured Party from the Borrower, any of the Guarantors, any other guarantor or any other Person by virtue of any action or proceeding or any set-off or appropriation or application at any time or from time to time in reduction of or in payment of the Borrower Obligations shall be deemed to modify, reduce, release or otherwise affect the liability of any Guarantor hereunder which shall, notwithstanding any such payment (other than any payment made by such Guarantor in respect of the Borrower Obligations or any payment received or collected from such Guarantor in respect of the Borrower Obligations), remain liable for the Borrower Obligations up to the maximum liability of such Guarantor hereunder until the Borrower Obligations shall have been paid in full (other than Borrower Hedge Agreement Obligations and other than contingent or indemnification obligations not then due), no Letter of Credit (that is not cash collateralized or back-stopped to the reasonable satisfaction of the Issuing Lender or purchasing Lender, as applicable, in respect thereof) shall be outstanding and the Commitments shall have been terminated.

2.2 Right of Contribution. Each Guarantor hereby agrees that to the extent that a Guarantor shall have paid more than its proportionate share of any payment made hereunder, such Guarantor shall be entitled to seek and receive contribution from and against any other Guarantor hereunder which has not paid its proportionate share of such payment. Each Guarantor's right of contribution shall be subject to the terms and conditions of Section 2.3. The provisions of this Section 2.2 shall in no respect limit the obligations and liabilities of any Guarantor to the Administrative Agent, the Collateral Agent and the other Secured Parties, and each Guarantor shall remain liable to the Administrative Agent, the Collateral Agent and the other Secured Parties for the full amount guaranteed by such Guarantor hereunder.

2.3 No Subrogation. Notwithstanding any payment made by any Guarantor hereunder or any set-off or application of funds of any Guarantor by the Administrative Agent, the Collateral Agent or any other Secured Party, no Guarantor shall be entitled to be subrogated to any of the rights of the Administrative Agent, the Collateral Agent or any other Secured Party against the Borrower or any other Guarantor or any collateral security or guarantee or right of offset held by the Administrative Agent, the Collateral Agent or any other Secured Party for the payment of the Borrower Obligations, nor shall any Guarantor seek or be entitled to seek any contribution or reimbursement from the Borrower or any other Guarantor in respect of payments made by such Guarantor hereunder, until all amounts owing to the Administrative Agent, the Collateral Agent and the other Secured Parties by the Borrower on account of the Borrower Obligations shall have been paid in full (other than Borrower Hedge Agreement Obligations and contingent or indemnification obligations not then due), no Letter of Credit (that is not cash collateralized or back-stopped to the reasonable satisfaction of the Issuing Lender or purchasing Lender, as applicable, in respect thereof) shall be outstanding and the Commitments shall have been terminated. If any amount shall be paid to any Guarantor on account of such subrogation rights at any time when all of such Borrower Obligations shall not have been paid in full, such amount shall be held by such Guarantor in trust for the Administrative Agent, the Collateral Agent and the other Secured Parties, segregated from other funds of such Guarantor, and shall, forthwith upon receipt by such Guarantor, be turned over to the Collateral Agent in the exact form received by such Guarantor (duly indorsed by such Guarantor to the Collateral Agent, if required), to be applied against the Borrower Obligations, whether matured or unmatured, in such order as the Collateral Agent may determine.

2.4 Amendments, etc. with respect to the Borrower Obligations. Each Guarantor shall remain obligated hereunder notwithstanding that, without any reservation of rights against any Guarantor and without notice to or further assent by any Guarantor, any demand for payment of any of the Borrower

Obligations made by the Administrative Agent, the Collateral Agent or any other Secured Party may be rescinded by the Administrative Agent, the Collateral Agent or such other Secured Party and any of the Borrower Obligations continued, and the Borrower Obligations, or the liability of any other Person upon or for any part thereof, or any collateral security or guarantee therefor or right of offset with respect thereto, may, from time to time, in whole or in part, be renewed, extended, amended, modified, accelerated, compromised, waived, surrendered or released by the Administrative Agent, the Collateral Agent or any other Secured Party, and the Credit Agreement and the other Loan Documents and any other documents executed and delivered in connection therewith may be amended, modified, supplemented or terminated, in whole or in part, as the Administrative Agent (or the Required Lenders or all Lenders, as the case may be) may deem advisable from time to time, and any collateral security, guarantee or right of set-off at any time held by the Administrative Agent, the Collateral Agent or any other Secured Party for the payment of the Borrower Obligations may be sold, exchanged, waived, surrendered or released. Neither the Administrative Agent, the Collateral Agent nor any other Secured Party shall have any obligation to protect, secure, perfect or insure any Lien at any time held by it as security for the Borrower Obligations or for the guarantee contained in this Section 2 or any property subject thereto.

2.5 Guarantee Absolute and Unconditional. Each Guarantor waives any and all notice of the creation, renewal, extension or accrual of any of the Borrower Obligations and notice of or proof of reliance by the Administrative Agent, the Collateral Agent or any other Secured Party upon the guarantee contained in this Section 2 or acceptance of the guarantee contained in this Section 2; the Borrower Obligations, and any of them, shall conclusively be deemed to have been created, contracted or incurred, or renewed, extended, amended or waived, in reliance upon the guarantee contained in this Section 2; and all dealings between the Borrower and any of the Guarantors, on the one hand, with respect to the Loan Documents and the Administrative Agent, the Collateral Agent and the other Secured Parties, on the other hand, likewise shall be conclusively presumed to have been had or consummated in reliance upon the guarantee contained in this Section 2. Each Guarantor waives diligence, presentment, protest, demand for payment and notice of default or nonpayment to or upon the Borrower or any of the Guarantors with respect to the Borrower Obligations. Each Guarantor understands and agrees that the guarantee of such Guarantor contained in this Section 2 shall be construed as a continuing, absolute and unconditional guarantee of payment without regard to (a) the validity or enforceability of the Credit Agreement or any other Loan Document, any of the Borrower Obligations or any other collateral security therefor or guarantee or right of offset with respect thereto at any time or from time to time held by the Administrative Agent or any Lender, (b) any defense, set-off or counterclaim (other than a defense of payment or performance) which may at any time be available to or be asserted by the Borrower or any other Person against the Administrative Agent, the Collateral Agent or any other Secured Party, or (c) any other circumstance whatsoever (other than a defense of payment or performance) (with or without notice to or knowledge of the Borrower or any Guarantor) which constitutes, or might be construed to constitute, an equitable or legal discharge of the Borrower from the Borrower Obligations, or of such Guarantor under the guarantee of such Guarantor contained in this Section 2, in bankruptcy or in any other instance. When making any demand hereunder or otherwise pursuing its rights and remedies hereunder against any Guarantor, the Administrative Agent, the Collateral Agent or any other Secured Party may, but shall be under no obligation to, make a similar demand on or otherwise pursue such rights and remedies as it may have against the Borrower, any other Guarantor or any other Person or against any collateral security or guarantee for the Borrower Obligations or any right of offset with respect thereto, and any failure by the Administrative Agent, the Collateral Agent or any other Secured Party to make any such demand, to pursue such other rights or remedies or to collect any payments from the Borrower, any other Guarantor or any other Person or to realize upon any such collateral security or guarantee or to exercise any such right of offset, or any release of the Borrower, any other Guarantor or any other Person or any such collateral security, guarantee or right of offset, shall not relieve any Guarantor of any obligation or liability hereunder, and shall not impair or affect the rights and remedies, whether express, implied or available as a matter of law, of the Administrative Agent, the Collateral Agent or any other Secured Party

against any Guarantor. For the purposes hereof “demand” shall include the commencement and continuance of any legal proceedings.

2.6 Reinstatement. The guarantee contained in this Section 2 shall continue to be effective, or be reinstated, as the case may be, if at any time payment, or any part thereof, of any of the Borrower Obligations is rescinded or must otherwise be restored or returned by the Administrative Agent, the Collateral Agent or any other Secured Party upon the insolvency, bankruptcy, dissolution, liquidation or reorganization of the Borrower or any Guarantor, or upon or as a result of the appointment of a receiver, intervenor or conservator of, or trustee or similar officer for, the Borrower or any Guarantor or any substantial part of its property, or otherwise, all as though such payments had not been made.

2.7 Payments. Each Guarantor hereby guarantees that payments hereunder will be paid to the Administrative Agent without set-off or counterclaim in the Currency required by Section 2.18(g) of the Credit Agreement at the Funding Office.

### SECTION 3. GRANT OF SECURITY INTEREST

3.1 Grant of First Priority Security Interests. Each Grantor hereby grants to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in all of the following property now owned or at any time hereafter acquired by such Grantor or in which such Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the “Collateral”), as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of such Grantor’s Obligations:

- (a) all Accounts;
- (b) all Chattel Paper;
- (c) all Deposit Accounts;
- (d) all Documents;
- (e) all Equipment;
- (f) all Fixtures;
- (g) all General Intangibles;
- (h) all Goods not covered by the other clauses of this Section 3;
- (i) all Instruments, including the Pledged Notes;
- (j) all Intellectual Property;
- (k) all Inventory;
- (l) all Investment Property;
- (m) all other tangible and intangible personal property not otherwise described above;

(n) all books and records pertaining to the Collateral; and

(o) to the extent not otherwise included, all Proceeds and products of any of the Collateral 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;

provided, however, that notwithstanding any of the other provisions set forth in this Section 3.1, this Agreement shall not constitute a grant of a security interest in (i) any leasehold interest in real property (and any Fixtures relating thereto) and any Fixtures relating to any owned real property to the extent that the Collateral Agent is not entitled to a security interest with respect to such owned real property under the terms of the Credit Agreement, (ii) any Vehicles and all Proceeds thereof, (iii) any property to the extent that such grant of a security interest is (A) prohibited by any Requirements of Law of a Governmental Authority, (B) requires a consent not obtained of any Governmental Authority pursuant to such Requirement of Law or (C) prohibited by, or constitutes a breach or default under or results in the termination of or requires any consent not obtained under, any contract, license, agreement, instrument, (including any permitted liens, leases and licenses) or other document evidencing or giving rise to such property in each case with any third party, joint venture or non wholly-owned Subsidiary and any organizational, shareholder or similar agreements of any non-wholly owned Subsidiary or joint venture; except in the case of clauses (A), (B) or (C), to the extent that such Requirement of Law or the term in such contract, license, agreement, instrument or other document or organizational, shareholder or similar agreement providing for such prohibition, breach, default or termination or requiring such consent is ineffective under applicable law, (iv) any Collateral that constitutes Equipment subject to a certificate of title statute, Farm Products, Accessions, Letter-of-Credit Rights, securities accounts, and As-Extracted Collateral, (v) Property subject to a Lien, sale or other transfer relating to a Permitted Receivables Financing, and (vi) any Collateral to the extent the granting of such security interest would result in adverse tax consequences as reasonably determined by the Administrative Agent (confirmed by written notice to the Borrower). It is hereby understood and agreed that any Property described in the preceding proviso, and any Property that is otherwise expressly excluded from clauses (a) through (o) above, shall be excluded from the definition of "Collateral".

#### SECTION 4. REPRESENTATIONS AND WARRANTIES

To induce the Administrative Agent, the Collateral Agent and the Secured Parties to enter into the Credit Agreement and to induce the Lenders to make their respective extensions of credit to the Borrower, each Guarantor and each Grantor hereby represents and warrants to each of the Administrative Agent, the Collateral Agent and each other Secured Party that:

4.1 Representations in Credit Agreement. In the case of each Guarantor, the representations and warranties set forth in Section 4 of the Credit Agreement to the extent they refer to such Guarantor or to the Loan Documents to which such Guarantor is a party, each of which is hereby incorporated herein by reference, are true and correct in all material respects, and each of the Administrative Agent, the Collateral Agent and each other Secured Party shall be entitled to rely on each of them as if they were fully set forth herein; provided that each reference in each such representation and warranty to the Borrower's knowledge shall, for the purposes of this Section 4.1, be deemed to be a reference to such Guarantor's knowledge.

4.2 Title; No Other Liens. Except as otherwise permitted under Section 7.3 of the Credit Agreement, such Grantor owns or has rights in each item of the Collateral free and clear of any and all Liens. Except as otherwise permitted under Section 7.3 of the Credit Agreement, no financing statement or other public notice with respect to all or any part of the Collateral is on file or of record in any public

office except financing statements that have been filed without the consent of the Grantor. For the avoidance of doubt, it is understood and agreed that any Grantor may, as part of its business, grant licenses to third parties to use Intellectual Property owned, licensed or developed by a Grantor. For purposes of this Agreement and the other Loan Documents, such licensing activity shall not constitute a "Lien" on such Intellectual Property. Each of the Administrative Agent, the Collateral Agent and each other Secured Party understands that any such licenses may be exclusive to the applicable licensees, and such exclusivity provisions may limit the ability of the Administrative Agent to utilize, sell, lease or transfer the related Intellectual Property or otherwise realize value from such Intellectual Property pursuant hereto.

4.3 Names; Jurisdiction of Organization; Chief Executive Office. On the date hereof, such Grantor's full and correct legal name, jurisdiction of organization and identification number from the jurisdiction of organization (if any) are specified on Schedule 3.

4.4 Pledged Securities. On the date hereof, the shares of Pledged Stock pledged by such Grantor hereunder:

(a) with respect to the shares of Pledged Stock issued by the Borrower and any other Restricted Subsidiary, have been duly authorized, validly issued and are fully paid and non-assessable, to the extent such concepts are applicable; and

(b) constitute all the issued and outstanding shares of all classes of the Capital Stock of each Issuer owned by such Grantor or, in the case of Foreign Subsidiary Voting Stock, 65% of the outstanding Foreign Subsidiary Voting Stock of each relevant Issuer.

4.5 Intellectual Property.

(a) Schedule 4 lists all material Intellectual Property owned by such Grantor in its own name on the date hereof.

(b) Except as set forth in Schedule 4, on the date hereof, none of the material Intellectual Property is the subject of any licensing or franchise agreement pursuant to which such Grantor is the licensor or franchisor.

## SECTION 5. COVENANTS

Each Guarantor and each Grantor covenants and agrees with the Administrative Agent, the Collateral Agent and the other Secured Parties that, from and after the date of this Agreement until the Obligations shall have been paid in full (other than Borrower Hedge Agreement Obligations and contingent and indemnification obligations not yet due and owing), no Letter of Credit (that is not cash collateralized or back-stopped to the reasonable satisfaction of the Issuing Lender or purchasing Lender, as applicable, in respect thereof) shall be outstanding and the Commitments shall have been terminated:

5.1 Covenants in Credit Agreement. In the case of each Guarantor, to the extent applicable, such Guarantor shall take, or shall refrain from taking, as the case may be, each action that is necessary to be taken or not taken, as the case may be, so that no Default or Event of Default is caused by the failure to take such action or to refrain from taking such action by such Guarantor or any of its Subsidiaries.

5.2 Investment Property. (a) In the case of each Grantor which is an Issuer, such Issuer agrees that (i) it will be bound by the terms of this Agreement relating to the Pledged Securities issued by

it and will comply with such terms insofar as such terms are applicable to it and (ii) the terms of Sections 6.3(c) and 6.8 shall apply to it, mutatis mutandis, with respect to all actions that may be required of it pursuant to Section 6.3(c) or 6.8 with respect to the Pledged Securities issued by it.

(b) To the extent that any Pledged Security that is an Uncertificated Security becomes a Certificated Security, the applicable Grantor shall promptly deliver such certificates evidencing such Pledged Securities to the Collateral Agent together with stock powers or indorsements thereof reasonably satisfactory to the Collateral Agent.

5.3 Commercial Tort Claims. In the case of each Grantor, such Grantor shall, promptly upon obtaining knowledge thereof, give notice to the Collateral Agent of any Commercial Tort Claim of such Grantor in which the damages being sought exceeds \$5,000,000 and shall grant to the Collateral Agent, for the ratable benefit of the Administrative Agent, the Collateral Agent and the Lenders (and any affiliates of any Lender to which Borrower Hedge Agreement Obligations are owing), a first priority security interest in such Commercial Tort Claim. After such grant, such commercial tort claim shall be deemed to constitute Collateral for purposes of this Agreement.

5.4 Foreign Law Pledges and Account Control Agreements. Notwithstanding anything to the contrary contained herein, no Grantor shall be required to take any actions in order to perfect the security interest granted to the Collateral Agent for the ratable benefit of the Administrative Agent, the Collateral Agent and the Lenders (i) under the laws of any jurisdiction outside the United States or (ii) by the execution of account control or similar agreements.

## SECTION 6. REMEDIAL PROVISIONS

### 6.1 Certain Matters Relating to Receivables.

(a) At any time during the continuance of an Event of Default, upon the Collateral Agent's reasonable request at the expense of the relevant Grantor, such Grantor shall cause independent public accountants or others satisfactory to the Collateral Agent to furnish to the Collateral Agent reports showing reconciliations, aging and test verifications of, and trial balances for, the Receivables.

(b) If required by the Collateral Agent at any time after the occurrence and during the continuance of an Event of Default under Section 8(a) or 8(f) of the Credit Agreement, any payments of Receivables, when collected by any Grantor, (i) shall be forthwith (and, in any event, within two Business Days) deposited by such Grantor in the exact form received, duly indorsed by such Grantor to the Collateral Agent if required, in a Collateral Account maintained under the sole dominion and control of the Collateral Agent, subject to withdrawal by the Collateral Agent for the account of the Administrative Agent, the Collateral Agent and the other Secured Parties only as provided in Section 6.6, and (ii) until so turned over, shall be held by such Grantor in trust for the Administrative Agent, the Collateral Agent and the other Secured Parties, segregated from other funds of such Grantor. Each such deposit of Proceeds of Receivables shall be accompanied by a report identifying in reasonable detail the nature and source of the payments included in the deposit.

(c) If an Event of Default has occurred and is continuing and at the Collateral Agent's request, each Grantor shall deliver to the Collateral Agent all documents evidencing, and relating to, the agreements and transactions which gave rise to the Receivables, including, without limitation, all orders, invoices and shipping receipts.

### 6.2 Communications with Grantors; Grantors Remain Liable.

(a) Upon the request of the Collateral Agent at any time after the occurrence and during the continuance of an Event of Default under Section 8(a) or 8(f) of the Credit Agreement, each Grantor shall notify obligors on the Receivables that the Receivables have been assigned to the Collateral Agent for the ratable benefit of the Administrative Agent, the Collateral Agent and the other Secured Parties and that payments in respect thereof shall be made directly to the Collateral Agent.

(b) Anything herein to the contrary notwithstanding, each Grantor shall remain liable under the Receivables to observe and perform all the conditions and obligations to be observed and performed by it thereunder, all in accordance with the terms of any agreement giving rise thereto. Neither the Administrative Agent, the Collateral Agent nor any other Secured Party shall have any obligation or liability under any Receivable (or any agreement giving rise thereto) by reason of or arising out of this Agreement or the receipt by the Administrative Agent, the Collateral Agent or any other Secured Party of any payment relating thereto, nor shall the Administrative Agent, the Collateral Agent or any other Secured Party be obligated in any manner to perform any of the obligations of any Grantor under or pursuant to any Receivable (or any agreement giving rise thereto), to make any payment, to make any inquiry as to the nature or the sufficiency of any payment received by it or as to the sufficiency of any performance by any party thereunder, to present or file any claim, to take any action to enforce any performance or to collect the payment of any amounts which may have been assigned to it or to which it may be entitled at any time or times.

6.3 Pledged Securities. (a) Unless an Event of Default shall have occurred and be continuing and the Collateral Agent shall have given notice to the relevant Grantor of the Collateral Agent's intent to exercise its corresponding rights pursuant to Section 6.3(b), each Grantor shall be permitted to receive all cash dividends paid in respect of the Pledged Stock and all payments made in respect of the Pledged Notes to the extent permitted in the Credit Agreement, and to exercise all voting and corporate rights with respect to the Pledged Securities.

(b) If an Event of Default shall occur and be continuing and the Collateral Agent shall give notice of its intent to exercise such rights to the relevant Grantor or Grantors, (i) unless otherwise provided in the Credit Agreement, the Collateral Agent shall have the right to receive any and all cash dividends, payments or other Proceeds paid in respect of the Pledged Securities and make application thereof to the Obligations in the order set forth in Section 6.6, and (ii) any or all of the Pledged Securities shall be registered in the name of the Collateral Agent or its nominee, and the Collateral Agent or its nominee may thereafter exercise (x) all voting, corporate and other rights pertaining to such Pledged Securities at any meeting of shareholders of the relevant Issuer or Issuers or otherwise and (y) any and all rights of conversion, exchange and subscription and any other rights, privileges or options pertaining to such Pledged Securities as if it were the absolute owner thereof (including, without limitation, the right to exchange at its discretion any and all of the Pledged Securities upon the merger, consolidation, reorganization, recapitalization or other fundamental change in the corporate structure of any Issuer, or upon the exercise by any Grantor or the Collateral Agent of any right, privilege or option pertaining to such Pledged Securities, and in connection therewith, the right to deposit and deliver any and all of the Pledged Securities with any committee, depository, transfer agent, registrar or other designated agency upon such terms and conditions as the Collateral Agent may determine), all without liability except to account for property actually received by it, but the Collateral Agent shall have no duty to any Grantor to exercise any such right, privilege or option and shall not be responsible for any failure to do so or delay in so doing unless the Collateral Agent has given notice of its intent to exercise as set forth above.

(c) Each Grantor hereby authorizes and instructs each Issuer of any Pledged Securities pledged by such Grantor hereunder to comply with any instruction received by it from the Administrative Agent in writing that (x) states that an Event of Default has occurred and is continuing and (y) is otherwise in

accordance with the terms of this Agreement, without any other or further instructions from such Grantor, and each Grantor agrees that each Issuer shall be fully protected in so complying.

#### 6.4 Intellectual Property.

(i) For the purpose of enabling the Collateral Agent to exercise rights and remedies under Section 6 at such time as the Collateral Agent shall be lawfully entitled to exercise such rights and remedies, and for no other purpose, each Grantor hereby grants to the Collateral Agent, to the extent assignable, an irrevocable, non-exclusive license (exercisable without payment of royalty or other compensation to such Grantor) to use, assign, license or sublicense any of the Intellectual Property now owned or hereafter acquired by such Grantor, wherever the same may be located.

(ii) Notwithstanding anything contained herein to the contrary, but subject to the provisions of Section 7.5 of the Credit Agreement that limit the rights of the Grantors to dispose of their property, notwithstanding the foregoing but subject to the Collateral Agent's exercise of its rights and remedies under Section 6, the Grantors will be permitted to exploit, use, enjoy, protect, license, sublicense, assign, sell, dispose of or take other actions with respect to the Intellectual Property in the ordinary course of the business of the Grantors. In furtherance of the foregoing, so long as no Event of Default shall have occurred and be continuing, the Collateral Agent shall from time to time, upon the request of the respective Grantor (through the Borrower), execute and deliver any instruments, certificates or other documents, in the form so requested, that such Grantor (through the Borrower) shall have certified are appropriate in its judgment to allow it to take any action permitted above (including relinquishment of the license provided pursuant to clause (i) immediately above as to any specific Intellectual Property). Further, upon the payment in full in cash of all of the Obligations (other than Borrower Hedge Agreement Obligations and contingent or indemnification obligations not then due) and cancellation or termination of all Commitments and Letters of Credit (that are not cash collateralized or back-stopped to the reasonable satisfaction of the Issuing Lender or purchasing Lender, as applicable, in respect thereof) or earlier expiration of this Agreement or release of the Collateral, the Collateral Agent shall grant back to the Grantors the license granted pursuant to clause (i) immediately above. The exercise of rights and remedies under Section 6 by the Collateral Agent shall not terminate the rights of the holders of any licenses or sublicenses theretofore granted by the Grantors in accordance with the first sentence of this clause (ii).

6.5 Proceeds to be Turned Over To Collateral Agent. If an Event of Default shall occur and be continuing and the Loans shall have been accelerated pursuant to Section 8 of the Credit Agreement, all Proceeds received by any Grantor consisting of cash, checks and other near-cash items shall be held by such Grantor in trust for the Administrative Agent, the Collateral Agent and the other Secured Parties, segregated from other funds of such Grantor, and shall, promptly upon receipt by such Grantor, be turned over to the Collateral Agent in the exact form received by such Grantor (duly indorsed by such Grantor to the Collateral Agent, if required). All Proceeds received by the Collateral Agent hereunder shall be held by the Collateral Agent in a Collateral Account maintained under its sole dominion and control. All Proceeds while held by the Collateral Agent in a Collateral Account (or by such Grantor in trust for the Administrative Agent, the Collateral Agent and the other Secured Parties) shall continue to be held as collateral security for all of the Obligations and shall not constitute payment thereof until applied as provided in Section 6.6.

6.6 Application of Proceeds. If an Event of Default shall have occurred and be continuing and the Loans shall have been accelerated pursuant to Section 8 of the Credit Agreement, at any time at the Collateral Agent's election, the Collateral Agent may apply all or any part of Proceeds constituting



Collateral and any proceeds of the guarantee set forth in Section 2, in payment of the Obligations, and shall make any such application in the following order:

First, to pay incurred and unpaid reasonable, out-of-pocket fees and expenses of the Agents under the Loan Documents;

Second, to the Collateral Agent, for application by it towards payment of amounts then due and owing and remaining unpaid in respect of the Obligations, pro rata among the Secured Parties according to the amounts of the Obligations then due and owing and remaining unpaid to each of them; and

Third, any balance of such Proceeds remaining after the Obligations shall have been paid in full (other than contingent or indemnification obligations not then due), no Letter of Credit (that is not cash collateralized to the reasonable satisfaction of the Issuing Lender or purchasing Lender, as applicable, in respect thereof) shall be outstanding and the Commitments shall have been terminated, shall be applied as set forth in Section 4.1 of the Intercreditor Agreement.

6.7 Code and Other Remedies. If an Event of Default shall occur and be continuing, the Collateral Agent, on behalf of itself, the Administrative Agent and the other Secured Parties, may exercise, in addition to all other rights and remedies granted to them in this Agreement and in any other instrument or agreement securing, evidencing or relating to the Obligations, all rights and remedies of a secured party under the New York UCC or any other applicable law. Without limiting the generality of the foregoing, the Collateral Agent, without demand of performance or other demand, presentment, protest, advertisement or notice of any kind (except any notice required by law referred to below or notices otherwise provided in the Loan Documents) to or upon any Grantor or any other Person (all and each of which demands, defenses, advertisements and notices are hereby waived unless otherwise provided in the Loan Documents), may in such circumstances forthwith collect, receive, appropriate and realize upon the Collateral, or any part thereof, and/or may forthwith sell, lease, assign, give option or options to purchase, or otherwise dispose of and deliver the Collateral or any part thereof (or contract to do any of the foregoing), in one or more parcels at public or private sale or sales, at any exchange, broker's board or office of the Administrative Agent, the Collateral Agent or any other Secured Party or elsewhere upon such terms and conditions as it may deem advisable and at such prices as it may deem best, for cash or on credit or for future delivery without assumption of any credit risk. The Administrative Agent, the Collateral Agent or any other Secured Party shall have the right upon any such public sale or sales, and, to the extent permitted by law, upon any such private sale or sales, to purchase the whole or any part of the Collateral so sold, free of any right or equity of redemption in any Grantor, which right or equity is hereby waived and released. Each Grantor further agrees, at the Collateral Agent's request, to assemble the Collateral and make it available to the Collateral Agent at places which the Collateral Agent shall reasonably select, whether at such Grantor's premises or elsewhere. The Collateral Agent shall apply the net proceeds of any action taken by it pursuant to this Section 6.6, after deducting all reasonable costs and expenses of every kind actually incurred in connection therewith or incidental to the care or safekeeping of any of the Collateral or in any way relating to the Collateral or the rights of the Administrative Agent, the Collateral Agent and the other Secured Parties hereunder, including, without limitation, reasonable attorneys' fees and disbursements, to the payment in whole or in part of the Obligations, in such order as the Collateral Agent may elect, and only after such application and after the payment by the Collateral Agent of any other amount required by any provision of law, including, without limitation, Section 9-615(a)(3) of the New York UCC, need the Collateral Agent account for the surplus, if any, to any Grantor. If any notice of a proposed sale or other disposition of Collateral shall be required by law, such notice shall be deemed reasonable and proper if given at least 10 days before such sale or other disposition.

6.8 Private Sales. Each Grantor recognizes that the Collateral Agent may be unable to effect a public sale of any or all the Pledged Stock, by reason of certain prohibitions contained in the Securities Act and applicable state securities laws or otherwise, and may be compelled to resort to one or more private sales thereof to a restricted group of purchasers which will be obliged to agree, among other things, to acquire such securities for their own account for investment and not with a view to the distribution or resale thereof. Each Grantor acknowledges and agrees that any such private sale may result in prices and other terms less favorable than if such sale were a public sale and, notwithstanding such circumstances, agrees that any such private sale shall be deemed to have been made in a commercially reasonable manner. The Collateral Agent shall be under no obligation to delay a sale of any of the Pledged Stock for the period of time necessary to permit the Issuer thereof to register such securities for public sale under the Securities Act, or under applicable state securities laws, even if such Issuer would agree to do so.

6.9 Deficiency. Each Grantor shall remain liable for any deficiency if the proceeds of any sale or other disposition of the Collateral are insufficient to pay its Obligations and the reasonable fees and disbursements of any attorneys employed by the Collateral Agent to collect such deficiency.

## SECTION 7. THE COLLATERAL AGENT

### 7.1 Collateral Agent's Appointment as Attorney-in-Fact, etc.

(a) Each Grantor hereby irrevocably constitutes and appoints the Collateral Agent and any officer or agent thereof, with full power of substitution, as its true and lawful attorney-in-fact with full irrevocable power and authority in the place and stead of such Grantor and in the name of such Grantor or in its own name, for the purpose of carrying out the terms of this Agreement, to take any and all appropriate action and to execute any and all documents and instruments which may be necessary or desirable to accomplish the purposes of this Agreement, and, without limiting the generality of the foregoing, each Grantor hereby gives the Collateral Agent the power and right, on behalf of such Grantor, without notice to or assent by such Grantor, to do any or all of the following (provided that anything in this Section 7.1(a) to the contrary notwithstanding, the Collateral Agent agrees that it will not exercise any rights under the power of attorney provided for in this Section 7.1(a) unless an Event of Default shall have occurred and be continuing):

(i) in the name of such Grantor or its own name, or otherwise, take possession of and indorse and collect any checks, drafts, notes, acceptances or other instruments for the payment of moneys due under any Receivable or with respect to any other Collateral and file any claim or take any other action or proceeding in any court of law or equity or otherwise deemed appropriate by the Collateral Agent for the purpose of collecting any and all such moneys due under any Receivable or with respect to any other Collateral whenever payable;

(ii) in the case of any Intellectual Property, execute and deliver, and have recorded, any and all agreements, instruments, documents and papers as the Collateral Agent may request to evidence the Administrative Agent's, the Collateral Agent's and the other Secured Parties' security interest in such Intellectual Property and the goodwill and general intangibles of such Grantor relating thereto or represented thereby;

(iii) pay or discharge taxes and Liens levied or placed on or threatened against the Collateral, effect any repairs or any insurance called for by the terms of this Agreement and pay all or any part of the premiums therefor and the costs thereof;

(iv) execute, in connection with any sale provided for in Section 6.7 or 6.8, any indorsements, assignments or other instruments of conveyance or transfer with respect to the Collateral; and

(v) (1) direct any party liable for any payment under any of the Collateral to make payment of any and all moneys due or to become due thereunder directly to the Collateral Agent or as the Collateral Agent shall direct; (2) ask or demand for, collect, and receive payment of and receipt for, any and all moneys, claims and other amounts due or to become due at any time in respect of or arising out of any Collateral; (3) sign and indorse any invoices, freight or express bills, bills of lading, storage or warehouse receipts, drafts against debtors, assignments, verifications, notices and other documents in connection with any of the Collateral; (4) commence and prosecute any suits, actions or proceedings at law or in equity in any court of competent jurisdiction to collect the Collateral or any portion thereof and to enforce any other right in respect of any Collateral; (5) defend any suit, action or proceeding brought against such Grantor with respect to any Collateral; (6) settle, compromise or adjust any such suit, action or proceeding and, in connection therewith, give such discharges or releases as the Collateral Agent may deem appropriate; (7) assign any Copyright, Patent or Trademark (along with the goodwill of the business to which any such Copyright, Patent or Trademark pertains), throughout the world for such term or terms, on such conditions, and in such manner, as the Collateral Agent shall in its sole discretion determine; and (8) generally, sell, transfer, pledge and make any agreement with respect to or otherwise deal with any of the Collateral as fully and completely as though the Collateral Agent were the absolute owner thereof for all purposes, and do, at the Collateral Agent's option and such Grantor's expense, at any time, or from time to time, all acts and things which the Collateral Agent deems necessary to protect, preserve or realize upon the Collateral and the Administrative Agent's, the Collateral Agent's and the other Secured Parties' security interests therein and to effect the intent of this Agreement, all as fully and effectively as such Grantor might do.

(b) If any Grantor fails to perform or comply with any of its agreements contained herein, the Collateral Agent, at its option, but without any obligation so to do, may give such Grantor written notice of such failure to perform or comply and if such Grantor fails to perform or comply within three (3) Business Days of receiving such notice (or if the Collateral Agent reasonably determines that irreparable harm to the Collateral or to the security interest of the Collateral Agent hereunder could result prior to the end of such three-Business Day period), then the Collateral Agent may perform or comply, or otherwise cause performance or compliance, with such agreement.

(c) Each Grantor hereby ratifies all that said attorneys shall lawfully do or cause to be done by virtue hereof. All powers, authorizations and agencies contained in this Agreement are coupled with an interest and are irrevocable until this Agreement is terminated and the security interests created hereby are released.

7.2 Duty of Collateral Agent. To the extent permitted by law, the Collateral Agent's sole duty with respect to the custody, safekeeping and physical preservation of the Collateral in its possession, under Section 9-207 of the New York UCC or otherwise, shall be to deal with it in the same manner as the Collateral Agent deals with similar property for its own account. None of the Administrative Agent, the Collateral Agent, any other Secured Party or any of their respective officers, directors, employees or agents shall be liable for failure to demand, collect or realize upon any of the Collateral or for any delay in doing so or shall be under any obligation to sell or otherwise dispose of any Collateral upon the request of any Grantor or any other Person or to take any other action whatsoever with regard to the Collateral or any part thereof. The powers conferred on the Administrative Agent, the Collateral Agent and the other Secured Parties hereunder are solely to protect the Administrative Agent's, the Collateral Agent's and the

other Secured Parties' interests in the Collateral and shall not impose any duty upon the Administrative Agent, the Collateral Agent or any other Secured Party to exercise any such powers. The Administrative Agent, the Collateral Agent and the other Secured Parties shall be accountable only for amounts that they actually receive as a result of the exercise of such powers, and neither they nor any of their officers, directors, employees or agents shall be responsible to any Grantor for any act or failure to act hereunder, except for their own gross negligence or willful misconduct or that of their directors, officers, employees or agents.

7.3 Execution of Financing Statements. Pursuant to any applicable law, each Grantor authorizes the Collateral Agent to file or record financing statements and other filing or recording documents or instruments with respect to the Collateral without the signature of such Grantor in such form and in such offices as the Collateral Agent reasonably determines appropriate to perfect the security interests of the Collateral Agent under this Agreement. Each Grantor authorizes the Collateral Agent to use the collateral description "all personal property" or any similar phrase in any such financing statements. Notwithstanding anything herein or in any other Loan Document to the contrary, the delivery of control agreements with respect to any Deposit Accounts, Securities Accounts and Commodities Accounts shall not be required.

7.4 Authority of Collateral Agent. Each Grantor acknowledges that the rights and responsibilities of the Collateral Agent under this Agreement with respect to any action taken by the Collateral Agent or the exercise or non-exercise by the Collateral Agent of any option, voting right, request, judgment or other right or remedy provided for herein or resulting or arising out of this Agreement shall, as among the Administrative Agent, the Collateral Agent and the other Secured Parties, be governed by the Credit Agreement and by such other agreements with respect thereto as may exist from time to time among them, but, as between the Collateral Agent and the Grantors, the Collateral Agent shall be conclusively presumed to be acting as agent for the Administrative Agent, the Collateral Agent and the other Secured Parties with full and valid authority so to act or refrain from acting, and no Grantor shall be under any obligation, or entitlement, to make any inquiry respecting such authority.

## SECTION 8. MISCELLANEOUS

8.1 Amendments in Writing. None of the terms or provisions of this Agreement may be waived, amended, supplemented or otherwise modified except in accordance with Section 10.1 of the Credit Agreement.

8.2 Notices. All notices, requests and demands to or upon the Collateral Agent or any Grantor hereunder shall be effected in the manner provided for in Section 10.2 of the Credit Agreement; provided that any such notice, request or demand to or upon any Guarantor shall be addressed to such Guarantor at its notice address set forth on Schedule 1.

8.3 No Waiver by Course of Conduct; Cumulative Remedies. Neither the Administrative Agent, the Collateral Agent nor any other Secured Party shall by any act (except by a written instrument pursuant to Section 8.1), delay, indulgence, omission or otherwise be deemed to have waived any right or remedy hereunder or to have acquiesced in any Default or Event of Default. No failure to exercise, nor any delay in exercising, on the part of the Administrative Agent, the Collateral Agent or any other Secured Party, any right, power or privilege hereunder shall operate as a waiver thereof. No single or partial exercise of any right, power or privilege hereunder shall preclude any other or further exercise thereof or the exercise of any other right, power or privilege. A waiver by the Administrative Agent, the Collateral Agent or any other Secured Party of any right or remedy hereunder on any one occasion shall not be construed as a bar to any right or remedy which the Administrative Agent, the Collateral Agent or

such other Secured Party would otherwise have on any future occasion. The rights and remedies herein provided are cumulative, may be exercised singly or concurrently and are not exclusive of any other rights or remedies provided by law.

8.4 Enforcement Expenses; Indemnification. Each Guarantor agrees to pay, and to save the Administrative Agent, the Collateral Agent and the other Secured Parties harmless from, any and all liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses or disbursements of any kind or nature whatsoever with respect to the execution, delivery, enforcement, performance and administration of this Agreement to the extent the Borrower would be required to do so pursuant to Section 10.5 of the Credit Agreement. The agreements in this Section 8.4 shall survive repayment of the Obligations and all other amounts payable under the Credit Agreement and the other Loan Documents.

8.5 Successors and Assigns. This Agreement shall be binding upon the successors and assigns of each Grantor and shall inure to the benefit of the Administrative Agent, the Collateral Agent and the other Secured Parties and their successors and assigns; provided, that no Grantor may assign, transfer or delegate any of its rights or obligations under this Agreement without the prior written consent of the Collateral Agent (it being understood that Dispositions permitted under the Credit Agreement shall not be subject to this proviso).

8.6 Set-Off. Each Grantor hereby irrevocably authorizes the Administrative Agent, the Collateral Agent and each other Secured Party at any time and from time to time while an Event of Default shall have occurred and be continuing, without notice to such Grantor or any other Grantor, any such notice being expressly waived by each Grantor, to the extent permitted by applicable law, upon any amount becoming due and payable by each Grantor (whether at the stated maturity, by acceleration or otherwise after the expiration of any applicable grace periods) to set-off and appropriate and apply against such amount any and all deposits (general or special, time or demand, provisional or final but excluding trust accounts), in any currency, and any other credits, indebtedness or claims, in any currency, in each case whether direct or indirect, absolute or contingent, matured or unmatured, at any time held or owing by the Administrative Agent, the Collateral Agent or such other Secured Party to or for the credit or the account of such Grantor. Each of the Administrative Agent, the Collateral Agent and each other Secured Party shall notify such Grantor promptly of any such set-off made by it and the application made by it of the proceeds thereof, provided that the failure to give such notice shall not affect the validity of such set-off and application.

8.7 Counterparts. This Agreement may be executed by one or more of the parties to this Agreement on any number of separate counterparts (including by telecopy), and all of said counterparts taken together shall be deemed to constitute one and the same instrument.

8.8 Severability. Any provision of this Agreement which is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

8.9 Section Headings. The Section headings used in this Agreement are for convenience of reference only and are not to affect the construction hereof or be taken into consideration in the interpretation hereof.

8.10 Integration. This Agreement and the other Loan Documents represent the agreement of the Grantors, the Administrative Agent, the Collateral Agent and the other Secured Parties with respect to the subject matter hereof and thereof.

8.11 **GOVERNING LAW. THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.**

8.12 Submission To Jurisdiction; Waivers. Each party hereto hereby irrevocably and unconditionally:

(a) submits for itself and its property in any legal action or proceeding relating to this Agreement and the other Loan Documents to which it is a party, or for recognition and enforcement of any judgment in respect thereof, to the non-exclusive general jurisdiction of the Courts of the State of New York, the courts of the United States of America for the Southern District of New York, and appellate courts from any thereof;

(b) consents that any such action or proceeding may be brought in such courts and waives any objection that it may now or hereafter have to the venue of any such action or proceeding in any such court or that such action or proceeding was brought in an inconvenient court and agrees not to plead or claim the same;

(c) agrees that service of process in any such action or proceeding may be effected by mailing a copy thereof by registered or certified mail (or any substantially similar form of mail), postage prepaid, to such Grantor at its address referred to in Section 8.2 or at such other address of which the Collateral Agent shall have been notified pursuant thereto;

(d) agrees that nothing herein shall affect the right to effect service of process in any other manner permitted by law or shall limit the right to sue in any other jurisdiction; and

(e) waives, to the maximum extent not prohibited by law, any right it may have to claim or recover in any legal action or proceeding referred to in this Section any special, exemplary, punitive or consequential damages.

8.13 Acknowledgements. Each Grantor hereby acknowledges that:

(a) it has been advised by counsel in the negotiation, execution and delivery of this Agreement and the other Loan Documents to which it is a party;

(b) neither the Administrative Agent, the Collateral Agent nor any other Secured Party has any fiduciary relationship with or duty to any Grantor arising out of or in connection with this Agreement or any of the other Loan Documents, and the relationship between the Grantors, on the one hand, and the Administrative Agent, the Collateral Agent and the other Secured Parties, on the other hand, in connection herewith or therewith is solely that of debtor and creditor; and

(c) no joint venture is created hereby or by the other Loan Documents or otherwise exists by virtue of the transactions contemplated hereby among the Administrative Agent, the Collateral Agent and the Lenders or among the Grantors and the Administrative Agent, the Collateral Agent and the Lenders.

8.14 Additional Grantors. Each Restricted Subsidiary of the Borrower that is required to become a party to this Agreement pursuant to Section 6.8 of the Credit Agreement shall become a Grantor

for all purposes of this Agreement upon execution and delivery by such Restricted Subsidiary of an Assumption Agreement in the form of Annex I hereto.

8.15 Releases.

(a) At such time as the Loans, the Reimbursement Obligations and the other Obligations (other than Borrower Hedge Agreement Obligations and contingent or indemnification obligations not then due) shall have been paid in full in cash, the Commitments shall have been terminated and no Letter of Credit (that is not cash collateralized or back-stopped to the reasonable satisfaction of the Issuing Lender or purchasing Lender, as applicable, in respect thereof) shall be outstanding, the Collateral shall be released from the Liens created hereby, and this Agreement and all obligations (other than those expressly stated to survive such termination) of the Collateral Agent and each Grantor hereunder shall terminate, all without delivery of any instrument or performance of any act by any party, and all rights to the Collateral shall revert to the Grantors. At the request and sole expense of any Grantor following any such termination, the Collateral Agent shall deliver to such Grantor any Collateral held by the Collateral Agent hereunder, and execute and deliver to such Grantor such documents as such Grantor shall reasonably request to evidence such termination.

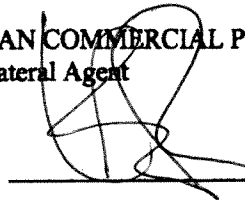
(b) If any of the Collateral shall be sold, transferred or otherwise disposed of by any Grantor in a transaction permitted by the Credit Agreement, then the Collateral Agent, at the request and sole expense of such Grantor, shall execute and deliver to such Grantor all releases or other documents reasonably necessary or desirable for the release of the Liens created hereby on such Collateral. At the request and sole expense of the Borrower, a Guarantor shall be released from its obligations hereunder in the event that all the Capital Stock of such Guarantor shall be sold, transferred or otherwise disposed of in a transaction permitted by the Credit Agreement.

**8.16 WAIVER OF JURY TRIAL. EACH GRANTOR AND, BY ACCEPTANCE OF THE BENEFITS HEREOF, EACH OF THE ADMINISTRATIVE AGENT, THE COLLATERAL AGENT AND EACH OTHER SECURED PARTY, HEREBY IRREVOCABLY AND UNCONDITIONALLY WAIVES TRIAL BY JURY IN ANY LEGAL ACTION OR PROCEEDING RELATING TO THIS AGREEMENT OR ANY OTHER LOAN DOCUMENT AND FOR ANY COUNTERCLAIM THEREIN.**

IN WITNESS WHEREOF, each of the undersigned has caused this Guarantee and Collateral Agreement to be duly executed and delivered as of the date first above written.

LEHMAN COMMERCIAL PAPER INC.,  
as Collateral Agent

By:  
Name:  
Title:




---

Laurie Perper  
Senior Vice President




BLUE JAY MERGER CORPORATION,  
as Grantor

By   
Name: Adam J. Palmer  
Title: Vice President

[Signature Page to Guarantee & Collateral Agreement]

**TRADEMARK**  
**REEL: 003724 FRAME: 0815**


SEQUA CORPORATION,  
as Grantor

By   
Name: John J. Dowling III  
Title: Senior Vice President, Legal and  
Corporate Secretary


[Signature Page to Guarantee & Collateral Agreement]

**TRADEMARK**  
**REEL: 003724 FRAME: 0816**

BLUE JAY ACQUISITION CORPORATION,  
as Guarantor

By   
Name: John J. Dowling III  
Title: Senior Vice President, Legal and  
Corporate Secretary


AFTER SIX INC.  
CASCO INVESTORS CORPORATION  
CASCO PRODUCTS CORPORATION  
CHROMALLOY CASTINGS TAMPA CORPORATION  
CHROMALLOY COMPONENT SERVICES, INC.  
CHROMALLOY POWER SERVICES CORPORATION  
CHROMALLOY SAN DIEGO CORPORATION  
JET SERVICES (DELAWARE), INC.  
KASSEL & IRONS LTD.  
MEGTEC SYSTEMS, INC.  
MEGTEC SYSTEMS AUSTRALIA INC.  
MTS ASIA, INC.  
SEQUA CAPITAL CORPORATION  
SEQUA HOLDINGS, INC.  
CHROMALLOY AMERICAN LLC  
CHROMALLOY COOPERATIVE HOLDINGS LLC  
CHROMALLOY GAS TURBINE LLC  
MIDWEST METAL COATINGS, LLC  
SEQUA COATINGS LLC,  
each as a Guarantor

By   
Name: John J. Dowling III  
Title: Senior Vice President and Secretary


[Signature Page to Guarantee & Collateral Agreement]

**TRADEMARK**  
**REEL: 003724 FRAME: 0817**

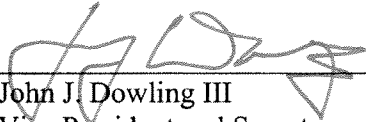
ARC/ASIA, INC.  
ARC AUTOMOTIVE, INC.  
ATLANTIC RESEARCH CORPORATION  
SEQUA FINANCIAL CORPORATION,  
each as Guarantor

By   
Name: John J. Dowling III  
Title: Vice President and Secretary

SEQUA INVESTMENTS CORPORATION I  
TPZ CORPORATION,  
each as Guarantor

By   
Name: John J. Dowling III  
Title: President and Secretary

PACIFIC GAS TURBINE CENTER, LLC,  
as Guarantor

By   
Name: John J. Dowling III  
Title: Vice President and Secretary

[Signature Page to Guarantee & Collateral Agreement]

**TRADEMARK**  
**REEL: 003724 FRAME: 0819**

Schedule 1  
Notice Addresses of Guarantors

BLUE JAY ACQUISITION CORPORATION

c/o Sequa Corporation  
200 Park Avenue, 44th Floor  
New York, NY 10166

AFTER SIX INC.

c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

ARC AUTOMOTIVE, INC.

c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

ARC/ASIA, INC.

c/o Sequa Corporation  
200 Park Avenue, 44th Floor  
New York, NY 10166

ATLANTIC RESEARCH CORPORATION

c/o Sequa Corporation  
200 Park Avenue, 44th Floor  
New York, NY 10166

CASCO INVESTORS CORPORATION

c/o Sequa Corporation  
200 Park Avenue, 44th Floor  
New York, NY 10166

CASCO PRODUCTS CORPORATION

c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

CHROMALLOY AMERICAN LLC

c/o Sequa Corporation  
200 Park Avenue, 44th Floor  
New York, NY 10166

CHROMALLOY CASTINGS TAMPA CORPORATION  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

CHROMALLOY COMPONENT SERVICES, INC.  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

CHROMALLOY COOPERATIVE HOLDINGS LLC  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

CHROMALLOY GAS TURBINE LLC  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

CHROMALLOY POWER SERVICES CORPORATION  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

CHROMALLOY SAN DIEGO CORPORATION  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

JET SERVICES (DELAWARE), INC.  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

KASSEL & IRONS LTD.  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

MEGTEC SYSTEMS, INC.  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

MEGTEC SYSTEMS AUSTRALIA INC.

c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

MIDWEST METAL COATINGS, LLC  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

MTS ASIA, INC.  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

PACIFIC GAS TURBINE CENTER, LLC  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

SEQUA CAPITAL CORPORATION  
200 Park Avenue, 44th Floor  
New York, NY 10166

SEQUA COATINGS LLC  
c/o Sequa Corporation  
200 Park Avenue  
New York, NY 10166

SEQUA FINANCIAL CORPORATION  
200 Park Avenue, 44th Floor  
New York, NY 10166

SEQUA HOLDINGS, INC.  
200 Park Avenue, 44th Floor  
New York, NY 10166

SEQUA INVESTMENTS CORPORATION I  
200 Park Avenue, 44th Floor  
New York, NY 10166

TPZ CORPORATION  
c/o Sequa Corporation  
200 Park Avenue, 44th Floor  
New York, NY 10166



Schedule 2  
Investment Property

**Pledged Stock:**

<b>Issuer</b>	<b>Grantor</b>	<b>Class of Stock</b>	<b>Stock Certificate Number</b>	<b>Number of Shares Issued</b>	<b>Percentage Pledged by Pledgor</b>
Sequa Corporation	Blue Jay Acquisition Corporation	Common	CS-1	100	100%
After Six Inc.	Chromalloy American LLC	Common	1	100	100%
ARC Automotive, Inc.	Atlantic Research Corporation	Common	1	100	100%
ARC/Asia, Inc.	Atlantic Research Corporation	Common	1	100	100%
Atlantic Research Corporation	Chromalloy Gas Turbine LLC	Class A Common Class B Common	C 28949 C 28946	7 93	100%
Casco Investors Corporation	Sequa Corporation	Common	1	200	100%
Casco Products Corporation	Casco Investors Corporation	Common	1	10,000	100%
Chromalloy Castings Tampa Corporation	Chromalloy Gas Turbine LLC	Common	1	1,000	100%
Chromalloy Component Services, Inc.	Chromalloy Gas Turbine LLC	Common	1	1,000	100%
Chromalloy Power Services Corporation	Chromalloy Gas Turbine LLC	Common	1	1,000	100%
Chromalloy San Diego Corporation	Chromalloy American LLC	Common	1	150	100%
Jet Services (Delaware), Inc.	Casco Investors Corporation	Common	4	106	100%
Kassel & Irons Ltd.	Sequa Corporation	Common	1	100	100%
MEGTEC Systems, Inc.	Sequa Corporation	Common	1	100	100%

MEGTEC Systems Australia Inc.	MEGTEC Systems, Inc.	Common	1	100	100%
MTS Asia, Inc.	MEGTEC Systems, Inc.	Common	2	100	100%
Sequa Capital Corporation	Sequa Corporation	Common	1	200	100%
Sequa Financial Corporation	Sequa Corporation	Common	2	1,000	100%
Sequa Holdings, Inc.	Casco Investors Corporation	Common	5	106	100%
Sequa Investments Corporation I	Sequa Financial Corporation	Common	2	1,000	100%
TPZ Corporation	Sequa Financial Corporation	Common	2	1,000	100%
Casco do Brasil Ltda.	Casco Products Corporation	N/A	N/A	Government Registration	65%
Silonex, Inc.*	Casco Products Corporation	Class A Common	CA-32	881,445	65%
		Class B Common	CB-21	646,211	
		Class C Common	CC-7	28,030	
Casco Automotive (Suzhou) Co, Ltd.	Casco Products Corporation	N/A	N/A	Government Registration	65%
MEGTEC Systems (Shanghai), Ltd.	MTS Asia, Inc.	N/A	N/A	Government Registration	65%
MEGTEC Systems SAS*	Sequa Holdings, Inc.	To be determined	To be determined	To be determined	65%
Sequa GmbH	Sequa Corporation	N/A	N/A	N/A	65%
Sequa GmbH & Co. MEGTEC Systems KG	Casco Products Corporation	N/A	N/A	N/A	65% of the 99% ownership interest of Casco Products Corporation

MEGTEC Systems India Pvt. Ltd.	MTS Asia, Inc.	Equity	1	10,000	65%
		Equity	2	10,000	
		Equity	3	10,000	
		Equity	4	10,000	
		Equity	5	10,000	
		Equity	6	10,000	
		Equity	7	10,000	
		Equity	8	10,000	
		Equity	9	10,000	
		Equity	10	10,000	
Chromalloy Israel Ltd.	Chromalloy American LLC	Ordinary	N/A Government Registration	125,000,000	65%
ARC Automotriz de Mexico, S. de R.L. de C.V.	ARC Automotive Inc. (99%) and Atlantic Research Corporation (1%)	Quota	3-A*	1 @ 2,999 peso	65%
		Quota	5-A	1 @ 1 peso	
ARC Automotriz Servicios de Mexico, S. de R.L. de C.V. *	ARC Automotive Inc. (99%) and Atlantic Research Corporation (1%)	Quota	3-A	1 @ 2,999 peso	65%
		Quota	4-A	1 @ 1 peso	
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	Capital Fijo	1	625 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	Capital Fijo	2	625 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	Capital Fijo	3	1,250 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	Capital Fijo	4	625 Acciones	65%

Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Primera Emision	1	51,375 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Primera Emision	2	51,375 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Primera Emision	3	102,750 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Primera Emision	4	51,375 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"B" C.V. Primera Emision	1	1,000,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"C" C.V. Primera Emision	1	1,000,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"D" C.V. Primera Emision	1	1,000,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"E" C.V. Primera Emision	1	1,000,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"F" C.V. Primera Emision	1	413,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"F" C.V. Primera Emision	2	413,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"F" C.V. Primera Emision	3	174,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Segunda Emision	1	600,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Segunda Emision	2	600,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Segunda Emision	3	787,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Segunda Emision	4	1,013,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Tercero Emision	1	5,010,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Tercero Emision	2	5,010,000 Acciones	65%

Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Tercero Emision	3	5,010,000 Acciones	65%
Chromalloy S.A. de C.V.*	Chromalloy Gas Turbine LLC	"A" C.V. Tercero Emision	4	5,010,000 Acciones	65%
Chromalloy Dallas Mexico S.A. de C.V.*	Chromalloy Gas Turbine LLC	To be determined	To be determined	To be determined	65%
Chromalloy Gas Turbine Europa, B.V.*	Chromalloy Gas Turbine LLC	To be determined	To be determined	To be determined	65%
MEGTEC Systems AB*	Sequa Holdings, Inc.	To be determined	To be determined	To be determined	65%
MEGTEC Systems Amal AB*	Sequa Holdings, Inc.	To be determined	To be determined	To be determined	65%
Casco Automotive Components Tunisia S.a.r.l.	Casco Products Corporation (99%) Sequa Corporation (1%)	Shares	Not Issued	N/A	65%
Sequa Limited*	Sequa Holdings, Inc.	Common	4	100	65%

\* To be delivered following the Closing Date pursuant to the terms of the Credit Agreement.

#### Limited Liability Companies

<b>Issuer</b>	<b>Member</b>	<b>Percentage Owned</b>	<b>Certificate Number</b>	<b>Shares</b>	<b>Percentage Pledged by Pledgor</b>
Chromalloy American LLC	Sequa Corporation	100	001	100	100%
Chromalloy Cooperative Holdings LLC	Chromalloy Gas Turbine LLC	100	002	100	100%
Chromalloy Gas Turbine LLC	Chromalloy American LLC	100	001	100	100%
Midwest Metal Coatings, LLC	Sequa Corporation	100	001	100	100%
Sequa Coatings LLC	Sequa Corporation	100	001	100	100%
Pacific Gas Turbine Center, LLC	Chromalloy Gas Turbine LLC	100	001	100	100%

**Pledged Notes:**

<b>Issuer</b>	<b>Payee</b>	<b>Principal Amount</b>
Chromalloy Holland B.V.	Sequa Corporation	£ 4,209,896.33
Warwick International Group Limited	Sequa Corporation	£ 15,193,847.91

Schedule 3  
Legal Name, Jurisdictions of Organization and Organizational ID

<b>Grantor</b>	<b>Jurisdiction of Organization</b>	<b>Organizational ID (if any)</b>
Blue Jay Acquisition Corporation	Delaware	4382386
Blue Jay Merger Corporation	Delaware	4382384
Sequa Corporation	Delaware	0256017
After Six Inc.	Delaware	2447960
ARC Automotive, Inc.	Delaware	3106750
ARC/Asia, Inc.	Delaware	2857958
Atlantic Research Corporation	Delaware	0671807
Casco Investors Corporation	New York	N/A
Casco Products Corporation	Delaware	2036419
Chromalloy American LLC	Delaware	[ ]
Chromalloy Castings Tampa Corporation	Delaware	2210114
Chromalloy Component Services, Inc.	Delaware	2943103
Chromalloy Cooperative Holdings LLC	Delaware	4455861
Chromalloy Gas Turbine LLC	Delaware	[ ]
Chromalloy Power Services Corporation	Delaware	3400847
Chromalloy San Diego Corporation	California	C1549749
Jet Services (Delaware), Inc.	Delaware	3328198
Kassel & Irons Ltd.	Delaware	3900275
MEGTEC Systems, Inc.	Delaware	2770137
MEGTEC Systems Australia Inc.	Delaware	2991817
Midwest Metal Coatings, LLC	Delaware	2720328
MTS Asia, Inc.	Delaware	3408459
Pacific Gas Turbine Center, LLC	Delaware	3018828
Sequa Capital Corporation	New York	N/A
Sequa Coatings LLC	Delaware	[ ]
Sequa Financial Corporation	New York	N/A
Sequa Holdings, Inc.	Delaware	4056763
Sequa Investments Corporation I	Delaware	2129211
TPZ Corporation	New York	N/A

Schedule 4  
Intellectual Property

**COPYRIGHTS AND COPYRIGHT LICENSES**

1. Software License Agreement, dated April 24, 2006, by and between Calgon Carbon Corporation and MEGTEC Systems, Inc.
2. Annual Authorizations Service Repository License Agreement, dated December 31, 1998, amended each year thereafter and effective until December 30, 2007, Copyright Clearance Center, Inc./Sequa Corporation

**PATENTS AND PATENT LICENSES**

1. See attached Schedule for a list of Patents and Patent Applications
2. Development Contract 6/07/2006  
Megtec Systems SA/Man Roland Druckmaschinen AG
3. Cooperative Development Agreement 11/03/1999  
Polytype SA/MEGTEC Systems Inc.
4. Agreement 5/26/1994  
Inbio Ltd./Sutcliffe Croftshaw Ltd.
5. License Agreement 6/24/1998  
E-Products Inc./MEGTEC Systems Inc.
6. Development Agreement 1/21/2000, 9/12/2001  
Excelentec Holding AB/Megtec Systems AB
7. License Agreement 3/07/2002  
MEGTEC Systems Inc./Seoul Energy Engineering & Sales Co.
8. Patent Agreement 12/07/1999  
Megtec Systems Inc./Spooner Industries Ltd.
9. Cooperative Development Agreement 5/25/1998  
and Letter of Understanding, 10/02/2001  
Hurletron Inc./Megtec Systems Inc.
10. License Agreement 3/04/1988 (ADTEC AB/Air Preheater Co., Inc.)  
License Agreement 3/30/1999 (ADTEC AB/ABB Air Preheater Inc.)  
and Agreement 1/01/2000 (Megtec Systems Inc./Megtec Systems AB)



11. License Agreement 2/04/1998 and Settlement Agreement 8/11/2004  
Butler Automatic Inc./Megtec Systems Inc.
12. Royalty Agreement 11/01/1995 and 10/12/1999  
ENKLAVEN AB/Megtec Systems Inc. (W.R. Grace & Co.)  
Royalty Agreement 6/10/1994  
Grace Tec Systems Inc./Enklaven AB  
Consultancy Agreement 6/10/1994  
Bjorn Head/ADTEC AB and Grace Tec Systems
13. License Agreement 3/09/1989 Amendment 1/08/1994  
ADTEC AB/ABB GADELIUSKK (Japan)
14. License and Supply Agreement 4/23/2007  
Manugraph India Ltd./Megtec Systems Amal, AB
15. License Agreement, 11/30/2005  
Casco Products Corp./Matsushita Electric Works, Ltd.
16. License Agreement 4/11/2001  
McEwann Technologies LLC/Casco Products Corp.
17. Feasibility Study, Assignment and License 4/07/1997 and 8/18/1997  
Cambridge Consultants Ltd./Casco Products Corp.
18. License Agreement 9/21/2006  
Magcode AB/Casco Products Corp.
19. Master Propellant License Agreement 10/17/03  
Aerojet - General Corp./ARC Automotive Inc.
20. Inflator License Agreement 7/17/01; Amended  
Delphi Automotive-Systems LLC/ARC Automotive Inc.
21. Memorandum Of Understanding, Commercial and Automotive Airbag Inflator  
Propellants 11/18/03  
Talley Defense Systems/ARC Automotive Inc.
22. Master Propellant License Agreement 2/22/05  
General Dynamics-OTS (Aerospace) Inc./ARC Automotive Inc.
23. Memorandum Of Understanding, Development Agreement 3/18/05  
Roketsan Missiles Industries/ARC Automotive Inc.
24. Technology License Agreement 10/19/04

ARC Automotive/ARC Qinghua (Xi'AN) Automotive Co. Ltd.

25. License Agreement (for Diffusion Brazing Process CFM56 Pressure Turbine Blades and Vanes), October 14, 1988, Amended 1/1/95  
Societe Nationale d'Etude et de Construction de Moteurs d'Aviation/Chromalloy European Operations, Chromalloy Gas Turbine Corp.
26. License Agreement (for Vapor Phase Aluminum Coating Process CFM56 Low Pressure Turbine Blades and Vanes), October 14, 1988, Amended 1/1/95  
Societe Nationale d'Etude et de Construction de Moteurs d'Aviation/Chromalloy European Operations, Chromalloy Gas Turbine Corp.
27. Marine & Industrial Engine Parts Standard Repair Source Agreement #1279-94, 9/12/95, Amended 4/8/99  
General Electric Company, through the Marine & Industrial Engines Division of GE Aircraft Engines/Chromalloy Gas Turbine Corporation
28. Repair Agreement 4/8/99  
General Electric Company, through GE Aircraft Engines/Chromalloy Gas Turbine Corporation.
29. Agreement March 8, 1989  
General Electric Company, through GE Aircraft Engines/Chromalloy Gas Turbine Corporation, through its Chromizing Company Division.
30. Agreement February, 2001  
United Technologies Corporation, through its Pratt & Whitney division/Chromalloy Gas Turbine Corporation.
31. Agreement, dated February 4, 1985, between United Technologies Corporation, through its Pratt & Whitney division, and Chromalloy American Corporation (Chromalloy Research & Technology Division), as amended by that certain Amendment No. 1 accepted April 15, 1985, and further amended by that certain Amendment No. 2 accepted May 19, 1986, that certain Amendment No. 3 accepted December 15, 1986, that certain Amendment No. 4 accepted November 12, 1988, that certain Amendment No. 5 accepted December 12, 1988, that certain Amendment No. 6 accepted May 1, 1989, that certain Amendment No. 7 accepted February 16, 1996, that certain Amendment accepted July 2, 1997, and that certain Amendment No. 9 accepted March 28, 1996.
32. Agreement October 31, 1988  
United Technologies Corporation, through its Pratt & Whitney division/Chromalloy Gas Turbine Corporation.
33. Repair Process Agreement April 1, 1993

EDM of Texas, a division of Chromalloy Gas Turbine Corporation/Pratt & Whitney Canada, Inc.

34. Agreement January 21, 1977, Amended 1/1/90 and 1/1/92  
Chromalloy American Corporation/United Technologies Corporation.
35. Repair Process Agreement June 12, 1991  
Chromizing Southwest Division of Chromalloy Gas Turbine Corp./United Technologies Corporation.
36. Agreement December 17, 1990  
Chromizing Division of Chromalloy Gas Turbine Corp./United Technologies Corporation.
37. Repair Process Agreement April 1, 1993  
Chromalloy U.K. Ltd./Pratt & Whitney Canada Inc.
38. PWA 265 License Agreement, dated January 2, 1990  
Chromalloy Compressor Technologies/United Technologies Corporation.
39. Repair Process Agreement April 1, 1993  
Heurchrome SA/Pratt & Whitney Canada Inc.
40. Pro Forma Licensing and Technical Assistance Agreement and Intellectual Property Rights Agreement 9/29/2000  
Rolls-Royce plc./Chromalloy United Kingdom Limited/Chromalloy Gas Turbine Corporation/TRT Limited.
41. License and Technical Assistance Agreement May 24, 2000  
Chromalloy Gas Turbine Corporation/Siemens Aktiengesellschaft/Siemens Westinghouse Power Corporation/Turbine Airfoil Coating and Repair LLC/Turbine Airfoil Coating and Repair GmbH.
42. Framework Agreement December 16, 2002  
Chromalloy Gas Turbine Corporation/Siemens Westinghouse Power Corporation/Siemens Aktiengesellschaft.
43. Joint Venture Agreement - Turbocare Gas Turbine Services LLC: LLC Operating Agreement 4/1/03  
Chromalloy Gas Turbine Corporation/Siemens Westinghouse Power Corporation for Turbocare Gas Turbine Services, LLC.
44. LLC Operating Agreement April 1, 2003  
Chromalloy United Kingdom Limited/Siemens Spa for Gas Turbine Technologies Limited.

45. License Agreement July 21, 2000  
Masood John Brown Ltd./Turbine Services Ltd./MJB International Ltd.
46. Intellectual Property Rights Agreement and Pro Forma Licensing Agreement August 11, 2000  
Rolls-Royce plc./Chromalloy Gas Turbine Corporation/Chromalloy United Kingdom Limited/Turbine Surface Technologies Limited
47. Patent License Agreement October 31, 2001  
Solar Turbines Incorporated/Chromalloy Gas Turbine Corporation.
48. F100 Services Agreement January 30, 2003, Amended 6/29/04  
Chromalloy Gas Turbine Corporation/International Coating Service Co.
49. License Agreement January 18, 2007  
United Technologies Corporation through its Pratt & Whitney division/Chromalloy Gas Turbine Corporation/Advanced Coating Technologies.
50. Cleaning Process Licensing Agreement February 6, 2006  
Chromalloy Gas Turbine Corporation/Aeromet Technologies, Inc.
51. Patent Agreement 7/6/95  
General Electric Company /Chromalloy Gas Turbine Corporation
52. License Agreement 12/31/93  
Quantum Laser Corporation/Chromalloy Gas Turbine Corporation
53. Settlement Agreement 12/15/98  
United Technologies Corporation/Chromalloy Gas Turbine Corporation
54. Agreement February 2001  
United Technologies Corporation/Chromalloy Gas Turbine Corporation
55. Patent License Agreement 12/1/95  
Allied Signal Technologies Inc./Chromalloy Gas Turbine Corporation
56. License Agreement 8/10/05  
Chromalloy Gas Turbine Corporation (Chromalloy Southwest)/Aeromet Technologies Inc.
57. Silane Inoculant License Agreement 1/1/04  
Chromalloy Gas Turbine Corporation (Chromalloy Southwest)/Aeromet Technologies Inc.
58. License Agreement 1/1/03

- Chromalloy Gas Turbine Corporation (Chromalloy Southwest)/Aeromet Technologies Inc. (Partial Stripping)
59. License Agreement 1/1/03  
Chromalloy Gas Turbine Corporation (Chromalloy Southwest)/Aeromet Technologies Inc. (Internal Stripping)
  60. Agreement 4/1/05  
Chromalloy Israel Ltd./Aeromet Technologies Inc.
  61. Settlement Agreement 4/3/98  
General Electric Company/Chromalloy Gas Turbine Corporation
  62. Agreement 1/4/85  
General Electric Company/Chromalloy American Corporation
  63. Agreement 9/26/83  
General Electric Company/Chromalloy American Corporation
  64. License Agreement 6/2/75  
Chromalloy American Corporation/Ishikawajima – Chromalloy Co. Ltd. (A-12 Process)
  65. License Agreement 11/11/76  
Chromalloy American Corporation/Ishikawajima – Chromalloy Co. (A-12 Process and Selective Masking)
  66. License Agreement 4/8/92  
Chromalloy Gas Turbine Corporation/International Coating Service Co. Ltd. (CAB)
  67. License Agreement 4/28/77  
Chromalloy American Corporation/International Coating Service Co., Ltd. (UC Coating Process)
  68. Turbine Services Limited Operating Agreement 4/1/03  
Chromalloy United Kingdom Limited/Siemens Holdings Plc./Turbine Services Limited
  69. License and Technical Assistance Agreement 4/1/03  
Siemens Aktiengesellschaft/Siemens Westinghouse Power Corp./Chromalloy Gas Turbine Corporation and their respective joint venture companies
  70. Project Carson Turbine Blade Program: PMA Price Protection (Article VII) Settlement Proposal 4/8/06  
AMR Corporation/Chromalloy Gas Turbine Corporation
  71. Chromalloy UK and Rolls Royce jointly own noted patents. Each party has free right to use the technology for Rolls Royce parts, but royalties (7.5%) are due for third party use.

72. Siemens and Chromalloy jointly own noted patents. Right's defined in License And Technical Assistance Agreement , dated May 24, 2000 between Chromalloy Gas Turbine Corporation/ Siemens AG/ Siemens Westinghouse Power Corp/ Turbine Airfoil Coating and Repair LLC/ Turbine Airfoil Coating and Repair GmbH

#### **TRADEMARKS AND TRADEMARK LICENSES**

1. See attached schedule for a list of trademarks and trademark applications.
2. Dessy Marketing and Distribution Inc./After Six, Inc. License Agreement dated December 8, 1997. Exclusive non-transferable license in the U.S. to use "AFTER SIX" trademark for women's bridesmaids and bridal gowns.
3. Georgia Boot LLC/After Six Inc. License Agreement dated October 7, 1997. Exclusive non-transferable license in the U.S., Mexico, Canada and other countries where Licensor sells and distributes formalwear to use "AFTER SIX" trademark for men's and boy's footwear for use in conjunction with formalwear.

**Patents**

PRECOAT - PATENTS

<u>Case #</u>	<u>Title</u>	<u>Country</u>	<u>Reg./Serial No.</u>	<u>Date</u>
P-001	Method Of Creating A Registered Pattern On A Metal Coil	US	5081923	1/21/92
P-002	Method Of Creating A Registered Pattern On A Metal Coil	US	5037665	8/06/91
P-004	Metal Coil Printing Mechanism	US	5937748	5/01/98
P-006	Metal Shingle System.	U.S.	10/947,184	9/22/04
P-006	Metal Shingle System	PCT	PCT/US05/033598	9/20/05
P-006	Metal Shingle System	Canada	2576184	9/20/05

AFTER SIX - PATENTS (US)

<u>Case No.</u>	<u>Patent No.</u>	<u>Issue Date</u>	<u>Title</u>
AD-003	D346960	05/17/94	Fashion Accessory Box
AD-004	D339523	09/21/93	Fashion Accessory Box
AD-005	D351815	10/25/94	Cuff Links
AD-006	D382688	08/26/97	Suit Jacket Lapel
AD-007	D394935	06/09/98	Suit Jacket Lapel
AD-011	D449149	10/16/01	Suit Jacket Lapel
AD-012	D448916	10/09/01	Suit Jacket Lapel
AD-013	D450172	11/13/01	Suit Jacket Lapel
AD-014	D448915	10/09/01	Suit Jacket Lapel

AD-016(CIP)	6421835	07/23/02	Preknotted Adjustable Fabric Necktie
AD-016(CIP2)	6871358	03/29/05	Preknotted Adjustable Fabric Necktie
AD-017	6658667	12/09/03	Preknotted Adjustable Fabric Necktie

AFTER SIX - PATENTS (FOREIGN)

<u>Case No.</u>	<u>Patent No.</u>	<u>Country</u>	<u>Issue Date</u>	<u>Title</u>
AD-006	80195	Canada	03/14/97	Suit Jacket Lapel

AFTER SIX - APPLICATIONS (FOREIGN)

<u>Case No.</u>	<u>Application No.</u>	<u>Country</u>	<u>Filed</u>	<u>Title</u>
AD-016(CIP)	2455142	Canada	03/05/02	Preknotted Adjustable Fabric Necktie
AD-017	2478633	Canada	05/19/03	Preknotted Adjustable Fabric Necktie



CHROMALLOY GAS TURBINE CORPORATION - PATENTS (US)

<u>Patent No.</u>	<u>Applied</u>	<u>Issue Date</u>	<u>Expires</u>	<u>Title</u>
5,106,010	09/28/90	04/21/92	09/28/10	R.J. Stueber Welding High- Strength Nickel Base Superalloys
5,374,319	11/04/91	12/20/94	12/20/11	R.J. Stueber T. Milidantri M. Tadayon Welding High- Strength Nickel Base Superalloys
5,444,911	05/05/94	08/29/95	05/05/14	F.J. Goodwater L.D. Huynh D.S. Kang Gas Turbine Engine Vane Assembly Repair
5,490,322	05/08/95	02/13/96	05/05/14	E. Goodwater, L. Huynh, D. Kang Gas Turbine Engine Vane Assembly Repair
5,554,837	09/03/93	09/10/96	09/10/13	F. Goodwater, L. Huynh, D. Kang, H. Ly, B. Doyle Interactive Laser Welding of Superalloy Articles
5,765,993	09/27/96	06/16/98		C. Weiss Replacement Vane Assembly For Fan Exit Guide

5,800,695	10/16/96	09/01/98	D. Kang K. Updegrove F. Goodwater	Plating Turbine Engine Components
5,837,964	01/16/98	11/17/98	G. Emer D. Edlund S. Vanasse M. Dizdine	Laser Drilling Holes In Components
5,928,725	07/18/97	07/27/99	P. Howard M. Williams S. Lucas C. Yi S. Rahemonji	Method and Apparatus For Gas Phase Coating Complex Internal Surface Of Hollow Articles
5935407	11/06/97	08/10/99	K. Nenov R. Fenton J. Fuggini P. Howard	Method For Producing Abrasive Tips For Gas Turbine Blades
5951892	12/10/96	09/14/99	T. Wolflla J. Ferguson	Abradable Seal
6037563	03/01/99	03/14/00	M. Foster T. Knowles K. Updegrove C. Thurston	Protective Gas Shroud For Welding
6203021	05/12/99	2/20/01	T.A. Wolflla J.J. Ferguson	Abradable Seal
6914086	04/16/99	2/27/01	K. Nenov	Method For Producing An

6054672	09/15/98	4/25/00	R. Fenton J. Fuggini P. Howard	Abrasive Tip
6165345	01/04/99	12/26/00	M. Foster K. Updegrove C. Thurston D. Lovelace	Laser Welding Superalloy Articles
6206081	05/04/99	3/27/01	K. Updegrove F. Goodwater B. Fay	Electrochemical Stripping of Turbine Blades
6209618	05/04/99	4/03/01	F. Chiang C. Peterson	Withdrawal Elevator Mechanism For Withdrawal Furnace With A Center Cooling Spool to Product DS/SC Turbine Airfoils
6107598	08/10/99	8/22/00	K. Updegrove M. Foster	Spool Shields For Producing Variable Thermal Gradients
6376800	06/5/00	4/23/02	K. Updegrove M. Foster	Maskant For Use During Laser Welding Or Drilling Repair Of Turbine Exhaust Case

6173491	08/12/99	1/16/01	D. Kang F. Goodwater	Repair Of Turbine Exhaust Case
6333484	03/17/00	12/25/01	M. Foster K. Updegrove	Method For Replacing A Turbine Vane Airfoil
6154959	08/16/99	12/05/00	F. Goodwater D. Kang	Welding Superalloy Articles
6332272	01/07/00	12/25/01	Z. Sinnott K. Smith J. Junkin K. Updegrove M. Foster D. Lovelace	Laser Cladding A Turbine Vane Platform
6502303	05/07/01	01/07/03	K. Updegrove P. Bader M. Foster	Turbine Blade And Method of Repair (Joint Siemens/CGTC)
6402677	12/20/00	07/16/02	G. Emer F. Wos D. Romin	A Method Of Repairing A Turbine Blade Tip
6537021	06/06/01	03/25/03	P. Howard R. Shankar R. Fenton	Laser Machining Cooling Holes In Gas Turbine Components
6380512	10/09/01	04/30/02	G. Emer	Abradable Seal System
				Method Of Removing

6764779	02/24/03	07/20/04	Y. Liu P. Lawton	Coating Material From A Cooling Hole
6803135	02/24/03	10/12/04	Y. Liu P. Lawton	Thermal Barrier Coating Having A Low Thermal Conductivity
6872912	07/12/04	03/29/05	F. Wos Z. Keonigsman	Thermal Barrier Coating Having A Low Thermal Conductivity
7041383	05/03/04	05/09/06	Y. Liu P. Lawton	Welding Single Crystal Articles
7146990	07/26/05	12/12/06	K. Ngo D. Fairbourn X. Nguyen-Ding	Durable Thermal Barrier Coating Having A Low Thermal Conductivity Process For Repairing Sulfidation Damaged Turbine Components
6157310	09/10/99	12/05/00	R. Milne C Nicol	Monitoring System
6924038	09/26/01 Diffussion	08/02/05	B. Hardy D. Goddard E. Shaw	Stop-Off For Coating

CHROMALLOY GAS TURBINE - PATENT APPLICATIONS (US)

Case No.      Application No.      Application Date      Inventor(s)      Title

CGT-121(CIP2 Conductivity)	11/395,782	3/31/06	Liu et al.	Durable Thermal Barrier Coating Having Low Thermal
CGT-125	10/970,560	10/21/04	Thomas Mildantri	Turbine Component Fixture For Manufacture Or Repair
CGT-130	11/823,767	6/28/07	R. Willis S. Irwin S. Fang T. Mildantri A. Taetsch M. Gosling G. Bostajoglo D. Shipman O. Morgan G. Mildantri	Turbine Vane Restoration System (Joint Siemens/CGTC)
CGT-133	11/249,791	10/13/05	R. William G. Bostajoglo S. Irwin	Turbine Vane Airfoil Reconfiguration Method (Joint Siemens/CGTC)
CGT-133(CIP)	11/591,908	11/02/06	R. Willis G. Bostajoglo S. Irwin	Turbine Vane Airfoil Reconfiguration Method (Joint Siemens/CGTC)

CHROMALLOY GAS TURBINE - PATENTS AND APPLICATIONS (FOREIGN, OTHER THAN U.K.)

Country	Pat. or App. No.	PC	Start Year	Ann.	Date	Due	Exp. Year	T.H.	Agt.	Prod. Div.	Case
Israel	0000135716	052B	1998	00010	2007	SEP 23	2018	0008		CGT	CGT-058
Total for CGT-058		1									
GERMAN	6983807.7	062B	1998	00010	2007	NOV 03	2018	0008		CGT	CGT-060
GRTBRT	0001062070	054B	1998	00010	2007	NOV 03	2018	0008		CGT	CGT-060
Total for CGT-060		2									
FRANCE	0001165281	054B	2000	00009	2008	JAN 04	2020	0008		CGT	CGT - 078
GERMAN	60020222.4	054B	2000	00009	2008	JAN 04	2020	0008		CGT	CGT - 078
GRTBRT	0001165281	054B	2000	00009	2008	JAN 04	2020	0008		CGT	CGT - 078
HOLAND	0001165281	054B	2005	00004	2008	JAN 04	2020	0008		CGT	CGT - 078
ITALY	0001165281	054B	2000	00009	2008	JAN 04	2020	0008		CGT	CGT - 078
MEXICO	0000239286	064B	2000	00013	2012	JAN 04	2020	0008		CGT	CGT - 078
SWITZL	0001165281	054B	2000	00009	2008	JAN 04	2020	0008		CGT	CGT - 078
Total for CGT-078		7									
JAPN	0002985004	051B	1999	05.09	2007	OCT 01	2014	0008		CGT	CGT013
Total for CGT-013		1									
BLGIUM	0000478374	974B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029
BLGIUM	0000711621	994B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029
FRANCE	0000478374	974B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029
FRANCE	0000711621	094B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029
GERMAN	69126083.4	981B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029
Total for CGT029		5									
GERMAN	69131055.6	993B	1991	00017	2007	SEP 27	2011	0008		CGT	CGT029U
Total for CGT029U		1									

GRTBRT	0000478374	974B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029	
GRTBRT	0000711621	994B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029	
ITALY	0000478374	974B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029	
ITALY	0000711621	094B	1991	00017	2007	SEPT 27	2011	0008		CGT	CGT029	
JAPAN	0003218567	033B	2001	10.07	2007	AUG 10	2011	0008		CGT	CGT029	
MEXICO	0000175474	952B	1994	18-20	2011	SEP 06	2011	0008		CGT	CGT029	
SWITZL	0000478374	974B	1991	00017	2007	SEP 27	2011	0008		CGT	CGT029	
SWITZL	0000711621	994B	1991	00017	2007	SEP 27	2011	0008		CGT	CGT029	
THLND	000019711	063B	1991	00017	2007	SEP 24	2011	0008		CGT	CGT029	
Total for CGT029		9										
ISRAEL	0000121313	021B	1997	00011	2007	JUL 14	2017	0008		CGT	CGT040	
Total for CGT040		1										
AUSTRAL	0000735670	022B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
BRASIL	09714216-6	064B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
CAND17	*002274526	022B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
CHINA	97180398.6	072B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
CZECHO	0000294381	002B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
FRANCE	0000944767	042B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
GERMAN	69728898.6	044B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
GRTBRT	0000944767	042B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
ISRAEL	0000130331	031B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
KOREAS	0000510898	061B	2005	10.04	2008	AUG 19	2017	008		CGT	CGT050	
MEXICO	0000214573	043B	1997	00012	2007	DEC 05	2017	008		CGT	CGT050	
NEWZLN	0000335844	013B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
NORWAY	*1999-2827	002B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
POL-S	0000186317	071B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
RUSSIA	0002217617	042B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
SNGPOR	0000065822	021B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	
TURKEY	1999-01212	002B	1997	00011	2007	DEC 05	2017	008		CGT	CGT050	9902382-2





BRAZIL	P9916898-7	021B	1999	00009	2007	DEC 10	2019	0008		CGT	CGT073	
CAND17	0002359342	022B	1999	00009	2007	DEC 10	2019	0008		CGT	CGT073	
EPO	99967257.9	031B	1999	00009	2007	DEC 10	2019	0008		CGT	CGT073	
MEXICO	0000219187	043B	2000	10-14	2009	DEC 10	2020	0008		CGT	CGT073	6-10P04
SNGPOR	000032211	041B	1999	00009	2007	SEPT 27	2019	0008		CGT	CGT073	2001042001
Total for CGT073		5										
CHINA	99815906.9	021B	1999	00009	2007	DEC 03	2019	0008		CGT	CGT077	
Total for CGT077		1										
BRASIL	P100086185	071B	2000	00009	2008	JAN 04	2015	0008		CGT	CGT078	
CAND17	0002363709	032B	2000	00009	2008	JAN 04	2015	0008		CGT	CGT078	
SNGPOR	0000083065	051B	2000	00009	2008	JAN 04	2015	0008		CGT	CGT078	2001051333
Total for CGT078		3										
CAND35	0002379254	032B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT079	
EPO	00959176.9	023B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT079	
Total for CGT079												
BLGIUM	0001212167	043B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT081	
CAND35	0002383404	032B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT081	
FRANCE	0001212167	043B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT081	
GERMAN	60010288.2	044B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT081	
GRTBRT	0001212167	043B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT081	
IRELAND	0001212167	043B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT081	
MEXICO	0000231804	062B	2000	11-15	2010	AUG 04	2020	0008		CGT	CGT081	
Total for CGT081		7										

BRAZIL	P101086812	032B	2001	00008	2008	FEB 21	2021	0008		CGT	CGT082	
CAND35	*002399210	032B	2001	00008	2008	FEB 21	2021	0008		CGT	CGT082	
CHINA	01806716.6	053B	2001	00008	2008	FEB 21	2021	0008		CGT	CGT082	
EPO	01964537.3	031B	2001	00008	2008	FEB 21	2021	0008		CGT	CGT082	
RUSSIA	0002265505	062B	2001	00008	2008	FEB 21	2021	0008		CGT	CGT082	
SNGPOR	0000091476	044B	2001	00008	2008	FEB 21	2021	0008		CGT	CGT082	200205263-7
Total for CGT082		6										
CAND35	0002381490	032B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT083	
FRANCE	0001214172	042B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT083	
GERMAN	60007335.1	043B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT083	
GRTBRT	0001214172	042B	2000	00008	2007	AUG 04	2020	0008		CGT	CGT083	
Total for CGT083		4										
CANADA	0002445409	071B	2002	00007	2008	FEB 12	2022	0008	DEE	CGT	CGT084	
EPO	02721107.7	041B	2002	00007	2008	FEB 12	2022	0008		CGT	CGT084	
MEXICO	0000241431	072B	2002	10-14	2011	FEB 01	2022	0008		CGT	CGT084	
Total for CGT084		3										
CAND35	0002436912	041B	2001	00007	2007	SEP 11	2021	0008	DEE	CGT	CGT097	
MEXICO	0000239286	031B	2001	00007	2007	SEP 11	2021	0008		CGT	CGT097	
Total for CGT097		2										
ASTRAL	2002254355	041B	2002	00007	2008	MAR 12	2022	0008		CGT	CGT100	
CAND35	0002446771	042B	2002	00007	2008	MAR 12	2022	0008	DEE	CGT	CGT100	
EPO	02723573.7	041B	2002	00007	2008	MAR 12	2022	0008		CGT	CGT100	
ISRAEL	0000158510	072B	2002	00007	2008	MAR 12	2022	0008		CGT	CGT100	
NORWAY	*2003-5427	042B	2002	00007	2008	MAR 12	2022	0008		CGT	CGT100	
UKRANE	0000076473	071B	2002	00007	2008	MAR 12	2022	0008		CGT	CGT100	
Total for CGT100		6										

CAND35	0002462486	044B	2002	00007	2008	APR 10	2022	0008	DEE	CGT	CGT102
CHINA	02824556.3	044B	2002	00007	2008	APR 10	2022	0008		CGT	CGT102
EPO	02800818.3	043B	2002	00007	2008	APR 10	2022	0008		CGT	CGT102
Total for CGT102		3									
EPO	03816100.6	062B	2003	00005	2007	DEC 03	2023	0008		CGT	CGT109
Total for CGT109		1									
EPO	03755768.3	061B	2003	00005	2007	DEC 03	2023	0008		CGT	CGT111
Total for CGT111		1									
CAND35	0002549091	071B	2005	00004	2008	JAN 11	2025	0008	DEE	CGT	CGT121 (CIP)
Total for CGT121(CIP)		1									
CHINA*	200580002278.1	072B	2005	00004	200	JAN 11	2025	0008		COT	CGT121CIP
Total for CGT121CIP		1									
EPO	04822125.3	071B	2004	00004	2007	DEC 08	2024	0008		CGT	CGT121 (CIP)
Total for CGT121(CIP)		1									
EPO	05779119.6	064B	2005	00004	2007	JAN 11	2025	0008		CGT	CGT121CIP
Total for CGT121CIP		1									

AUSTRIA	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
BLGIUM	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
CAND17	0002170875	964B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
DENMRK	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
FRANCE	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
GERMAN	0001165281	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
GREECE	0000785859	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
GRTBRT	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
HOLAND	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
IRELND	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
ITALY	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
JAPAN	0003572524	044B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
LUXMBG	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
MEXICO	0000192202	094B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
MONACO	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
PHILIP	1199444894	021B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
PRTUGL	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
SPAIN	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
SWEDEN	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
SWITZL	0000785837	022B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
THILND	0000020410	071B	1994	00014	2007	AUG 31	2014	0008		CGT	CHZ033	
Total for CHZ033		21										

ASTRAL	0000688021	991B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
BRASIL	P19507698	012B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
CANADA	0002189642	972B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
FRANCE	0758284	032B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
GERMAN	69527954.8	032B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
GRTBRT	0758284	032B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
HOLAND	0758284	032B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
IRELAND	0758284	032B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
MEXICO	0000203395	021B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
NEWZLN	0000283075	991B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
SWITZL	0758284	032B	1995	00014	2008	MAR 20	2015	0008	CGT	CHZ038	
Total for CHZ038		11									

ASTRAL	000726305	013B	1997	00011	2007	OCT 10	2017	0008	CGT	CHZ052	
ASTRIA	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
BLGIUM	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
CANADA	0002217843	982B	1997	00011	2007	DEC 18	2017	0008	CGT	CHZ052	
DENMRK	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
FINLND	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
FRANCE	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
GERMAN	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
GREECE	3037099	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
GRTBRT	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
HOLAND	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
IRELAND	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
ITALY	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
LUXMBG	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
MEXICO	0000214463	034B	1997	12-16	2008	OCT 15	2017	0008	CGT	CHZ052	
MONACO	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
PRTUGL	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	
SPAIN	0000843026	014B	1997	00011	2007	OCT 14	2017	0008	CGT	CHZ052	

SWEDEN	97117725.8	014B	1997	00011	2007	OCT 14	2017	0008		CGT	CHZ052	
SWITZL	0000843026	014B	1997	00011	2007	OCT 14	2017	0008		CGT	CHZ052	
Total for CHZ052		20										

**TRADEMARK**  
**REEL: 003724 FRAME: 0853**

MEGTEC - PATENTS (U.S. AND FOREIGN)

MEGTEC US PATENTS AND APPLICATION					
Case #	Application Number	Patent Number	Application Date	Title	
MT-3017	203076	5092059	6/7/1988	INFRARED AIR FLOAT BAR	
MT-3018	203072	4901419	6/7/1988	TRI-FLOTATION AIR BAR	
MT-3019	203137	511220	6/7/1988	AIR FLOTATION DRYER WITH BUILT-IN-AFTERBURNER	
MT-3019C	607261	5207008	10/3/1990	AIR FLOTATION DRYER WITH BUILT-IN-AFTERBURNER	
MT-3112	203129	4942676	6/7/1988	CONTROL SYSTEM FOR AIR FLOTATION DRYER	
MT-3114	203138	5035066	6/7/1988	ULTRAVIOLET AIR FLOAT BAR	
MT-3188	489902	5064979	3/7/1990	MICROWAVE AIRE FLAT BAR	
MT-3205	482465	5111595	2/21/1990	CHILL ROLL NIP	
MT-3208	404928	5099586	9/8/1989	REFLECTOR ASSEMBLY FOR HEATING A SUBSTRATE	
MT-3210	395429	5001845	8/17/1989	CONTROL SYSTEM FOR AN INDUSTRIAL DRYER	
MT-3211	395440	506369	8/17/1989	ZONED CYLINDRICAL DRYER	
MT-3222	948345	4850857	12/2/1986	APPARATUS FOR THE COMBUSTION OF OXIDIZABLE SUBSTANCES SUSPENDED IN CARRIER GAS	
MT-3228C	719688	5152080	6/25/1991	STEERABLE AIR BAR/EDGE DAM APPARATUS	
MT-3229	464795	5090137	1/16/1990	PERIMETER SEAL FOR SPLIT ENCLOSURE DRYING HOODS	
MT-3230	465470	5070627	1/16/1990	DIRECTIONAL DIFFUSION NOZZLE AIR BAR	
MT-3237	465771	5070628	1/16/1990	ROTATABLE SLOT NOZZLE AIR BAR	
MT-3283C	371099	5471847	1/11/1995	WEB COOLING DEVICE	
MT-3381C	1933	5261166	1/1/16/1993	COMBINATION INFRARED & AIR FLOTATION DRYER	
MT-3457	522228	5709542	2/25/1994	WEB THREADING SYSTEM	
MT-3462	49759	5419021	4/20/1993	TELESCOPING SLOT NOZZLE	
MT-3511C	597319	5620668	2/6/1996	ANNULAR AIR DISTRIBUTOR FOR REGENERATIVE THERMAL OXIDIZERS	
MT-3513	323973	5555644	10/17/1994	FLUID CYLINDER RETRACTION LOCKING DEVICE	
MT-3516C	412428	5590480	3/29/1995	COMBINATION AIR BAR & HOLE BAR FLOTATION DYER	
MT-3516D	557769	5647144	1/1/13/1995	COMBINATION AIR BAR & HOLE BAR FLOTATION DYER	
MT-3517	356600	5618173	12/15/1994	PROCESS & APPARATUS FOR BURING OXYGEN	
MT-3517D	532210	5609833	9/22/1995	PROCESS & APPARATUS FOR BURING OXYGEN	



MT-3518	356601	5601789	12/15/1994	RAW GAS BURNER AND PROCESS FOR BURNING OXYGENIC CONSTITUENTS IN PROCESS GAS
MT-3518D	532209	5676536	11/13/1995	RAW GAS BURNER AND PROCESS FOR BURNING OXYGENIC CONSTITUENTS IN PROCESS GAS
MT-3519	368469	5524363	1/4/1995	IN-LINE PROCESSING OF A HEATED AND REACTING CONTINUOUS SHEET OF MATERIAL
MT-3519D	504817	5579590	7/20/1995	APPARATUS FOR IN-LINE PROCESSING OF A HEATED AND REACTING CONTINUOUS SHEET OF MATERIAL
MT-3522	374015	5555635	1/18/1995	CONTROL AND ARRANGEMENT OF A CONTINUOUS PROCESS FOR AN INDUSTRIAL DRYER
MT-3522D	509567	5528839	7/31/1995	CONTROL AND ARRANGEMENT OF A CONTINUOUS PROCESS FOR AN INDUSTRIAL DRYER
MT-3524	408663	5640784	3/21/1995	NON-CONTRACT FLOATATION WEB GUIDE/DRYER
MT-3572	643901	5837205	5/7/1996	BYPASS SYSTEM AND METHOD FOR REGENERATIVE THERMAL OXIDIZERS
MT-3573	171874	6086828	10/27/1998	HEAT EXCHANGER EFFICIENCY CONTROL BY DIFFERENTIAL TEMPERATURE
MT-3574	650280	5833938	5/20/1996	INTEGRATED VOC ENTRAPMENT SYSTEM FOR REGENERATIVE OXIDATION
MT-3582	848397	4741690		PROCESS FOR COMBUSTION OR DECOMPOSITION OF POLLUTANTS AND EQUIPMENT THEREFOR
MT-3588	767000	5762880	12/16/1996	OPERATIONAL PROCESS AND ITS IMPROVED CONTROL SYSTEM OF A SECONDARY AIR BURNER
MT-3591	796009	5867920	2/5/1997	HIGH SPEED INFRARED/CONVENTION DRYER
MT-3591D	240192	6067726	1/30/1999	HIGH SPEED INFRARED/CONVENTION DRYER
MT-3595	846992	5857270	4/30/1997	OPEN BURNER PLENUM FOR A FLOATATION DRYER
MT-005	262992	5557861	6/20/1994	DEVICE FOR DRYING A MATERIAL IN STRIP FORM, IN PARTICULAR PAPER STRIP FORM
MT-008	797349	5758841	2/11/1997	SPINDLE CAPABLE OF BEING INSERTED INTO THE CORE OF A ROLL OF MATERIAL IN STRIP FORM AND MACHINE FOR WINDING AND/OR UNWINDING COMPRISING SUCH SPINDLES
MT-100	103346	6129139	6/23/1998	CONSOLIDATED POPPET VALVE ASSEMBLY

MT-101	673427	6321462	11/22/2000	WEB DRYER WITH FULLY INTEGRATED REGENERATIVE HEAT SOURCE AND CONTROL THEREOF
MT-102	67967	6302188	4/28/1998	MULTI-LAYER HEAT EXCHANGE BED CONTAINING STRUCTURED MEDIA AND RANDOMLY PACKED MEDIA
MT-104	295074	6049995	4/20/199	INFRARED DRYER WITH AIR PURGE SHUTTER
MT-104(DIV)	526418	6195909	3/15/2000	INFRARED DRYER WITH AIR PURGE SHUTTER
MT-105	110142	6795883	4/9/2002	ELECTROSTATIC ASSISTED WEB COOLING DEVICE AND METHOD
MT-106	436011	6213758	11/9/1999	BURNER AIR/FUEL RATION RAGULATION METHOD AND APPARATUS
MT-107	724307	6505792	11/28/2000	NON-CONTRACT FLOATION DEVICE FOR TURNING A FLOATING WEB
MT-108	572129	6261092	5/17/2000	SWITCHING VALVE
MT-108D	863772	6892750	5/23/2001	SWITCHING VALVE
MT-109	543713	6450800	4/5/2000	REGENERATIVE THERMAL OXIDIZER INCORPORATING A VERTRI STYLE BURNER
MT-113	569554	6264464	5/12/2000	ANGLED BED FOR REGENERATIVE HEAT EXCHANGER
MT-119	759681	6651357	1/12/2001	WEB DRYER WITH FULLY INTEGRATED REGENERATIVE HEAT SOURCE AND CONTROL THEREOF
MT-119D	295797	6681497	11/15/2002	WEB DRYER WITH FULLY INTEGRATED REGENERATIVE HEAT SOURCE AND CONTROL THEREOF
MT-120	416929	7033544	5/15/2003	DETERMINATION OF SUPPLEMENTAL FUEL REQUIREMENT AND INSTANTANEOUS CONTROL THEREOF INVOLVING REGENERATIVE THERMAL OXIDATION
MT-121	276239	6775925	11/14/2002	WATER SPRAY WEB COOLING APPARATUS FOR WEB DRYER
MT-123	849785	6749815	5/4/2001	SWITCHING VALVE SEAL
MT-123D	739443	6899121	12/15/2003	SWITCHING VALVE SEAL

MT-125	929588	6576198	8/14/2001	MODULAR VOC ENTRAPMENT CHAMBER FOR A TWO-CHAMBER REGENERATIVE OXIDIZER
MT-128	139927		5/7/2002	HEATED SEAL AIR FOR VALVE AND REGENERATIVE THERMAL OXIDIZER CONTAINING SAME
MT-129	230240	6669472	8/28/2002	DUAL LIFT SYSTEM
MT-129D1	696886	6978977	10/30/2003	DUAL LIFT SYSTEM
MT-129D2	696883	6783111	10/30/2003	DUAL LIFT SYSTEM
MT-129D3	297709		12/8/2005	DUAL LIFT SYSTEM
MT-135	987668		11/12/2004	ELECTRIC GEAR MOTOR DRIVE FOR SWITCHING VALVE
MT-136	823299		4/13/2004	STEP AIR FOIL
MT-140			3/23/2007	WEB COATING APPLICATOR WITH COOLING AND MATERIAL RECOVERY
MT-141	800741		5/7/2007	STEP AIR FOIL WEB STABILIZER
MT-142	60/919802		3/23/2007	WEB COATING APPLICATION WITH COOLING AND MATERIAL RECOVERY
MT-203	850020	6168770	4/30/1997	A METHOD OF REMOVING NITROGEN OXIDES FROM A GAS FLOW BY USING A COMBUSTION EXCHANGER
MT-205	244135	5569031		COMBUSTION DEVICE
MT-208	77246	5997277	5/19/1988	A METHOD AND A DEVICE FOR RECOVERY OF ENERGY FROM MEDIA CONTAINING COMBUSTIBLE SUBSTANCES EVEN AT A LOW CONCENTRATION
MT-210	856961	6790313	11/9/2001	A METHOD OF CLEANING SULFIDE CONTAMINATED CONDENSATES
MT-211	203348		1/13/2001	AIRBOX IN A REGENERATIVE THERMAL OXIDIZER
MT-301(CIP)	895946	5967457	7/17/1997	AIRFOIL WEB STABILIZATION AND TURNING APPARATUS AND METHOD
MT-302	988917	5970627	12/11/1997	ACTIVE WEB STABILIZATION APPARATUS
MT-306	76355	4779358	7/22/1987	QUICK MOUNTING, LOCATING & SUPPORT ARRANGEMENT FOR NOZZLES FOR A WEB DRYING SYSTEM
MT-307	154289	5014447	2/10/1988	POSITIVE PRESSURE WEB FLOATER DRYER WITH PARALLEL FLOW

MT-308	666857	5136790	3/7/1991	METHOD AND APPARATUS FOR DRYING COATED WEBS
MT-309	866150	5303484	4/9/1992	COMPACT CONVECTIVE WEB DRYER
MT-310	734952	5163829	7/24/1991	COMPACT REGENERATIVE INCINERATOR
MT-403	966481	5282583	10/26/1992	AUTOMATIC ROLL-SHIFTING ROLL STAND
MT-404	605062	5775630	9/16/1994	ROLL STAND
MT-405	622927	6390409	9/8/2000	DEVICE RELATING TO ROLL STAND
MT-406C	22897	6854171	1/28/2002	METHOD FOR PRODUCING A BENDING- RESISTANT, ELONGATED BODY AND AN ARRANGEMENT FOR BENDING RESISTANT, ELONGATED BODY
MT-407	257376	6843445	10/17/2002	AURORA/REEL STAND
MT-409	377157	4905924	7/10/1989	WEB SPlicing TAPE
MT-410	146888	5524844	10/29/1993	APPARATUS FOR REPLACING A LEADING EDGE OF WEB MATERIAL
MT-411	641885	5697575	5/2/1996	VERTICAL SPLICER
MT-412SE	601535-8			CHUCK ARRANGEMENT
MT-413SE	601534-1			FLYING PASTER
MT-501	352479	4902310	5/16/1989	PROCESS FOR REMOVING HALOGENATED HYDROCARBONS FROM SOLVENT STREAMS
MT-502	286655	4919692	12/19/1988	PROCESS FOR REMOVING SOLVENTS AND OTHER CONTAMINANTS FROM AN INLET SOLVENT LADEN AIR PATH
MT-503	686669	5149342	4/17/1991	SYSTEM FOR RECOVERING SOLVENTS AND DISPOSING OF CONTAMINANTS RELEASED BY REGENERATION OF SOLVENT LADEN AIR ADSORBER VESSELS
MT-504	534931	5628819	9/28/1995	METHOD AND APPARATUS FOR CONTINUOUS ADSORPTION OF ADSORBABLE CONTAMINANTS
MT-505	554860	5681376	1/17/1995	ROTATING FLOW DISTRIBUTOR ASSEMBLY FOR USE IN CONTINUOUSLY DISTRIBUTING DECONTAMINATION AND REGENERATION FLUID FLOW
MT-506	714678	5779771	9/16/1966	ROTATING FLOW DISTRIBUTOR ASSEMBLY FOR USE IN CONTINUOUSLY DISTRIBUTING DECONTAMINATION AND REGENERATION FLUID FLOW

Country Name	Patent Number	Old Case #	New Case #	Application Date	Application Number	Grant Date	Grant Number
France	9205566.0	MT-003	MT-003	6-May-92	9205566.0	17-Jan-97	2690871.0
Europe	94401368.9	MT-005	MT-005	17-Jun-94	94401368.9	18-Nov-98	632243.0
Germany	69414646.3	MT-005	MT-005	17-Jun-94	94401368.9	18-Nov-98	69414646.3
France	9307987.0	MT-005	MT-005	30-Jun-93	9307987.0	13-Oct-95	2708340.0
Great Britain	632243.0	MT-005	MT-005	17-Jun-94	94401368.9	18-Nov-98	632243.0
Netherlands	632243.0	MT-005	MT-005	17-Jun-94	94401368.9	18-Nov-98	632243.0
Canada	2197402.0	MT-008	MT-008	12-Feb-97	2197402.0	18-Nov-98	632243.0
Europe	97400294.1	MT-008	MT-008	10-Feb-97	97400294.1	28-Nov-01	790209.0
France	9601685.0	MT-008	MT-008	12-Feb-96	9601685.0	17-Apr-98	2744709.0
Germany	69708475.2	MT-008	MT-008	10-Feb-97	97400294.1	28-Nov-01	69708475.2
Great Britain	790209.0	MT-008	MT-008	10-Feb-97	97400294.1	28-Nov-01	790209.0
Italy	790209.0	MT-008	MT-008	10-Feb-97	97400294.1	28-Nov-01	790209.0
Netherlands	790209.0	MT-008	MT-008	10-Feb-97	97400294.1	28-Nov-01	790209.0
Sweden	97400294.1	MT-008	MT-008	10-Feb-97	97400294.1	28-Nov-01	790209.0
Mexico	221106.0	MT-100	MT-100	10-Feb-97	97400294.1	28-Nov-01	790209.0
Australia	738814.0	MT-100	MT-100	18-May-99	12475.0	23-Jun-04	221106.0
Europe	99924361.1	MT-100	MT-100	18-May-99	4088199	10-Jan-02	738814.0
China	99807712.7	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
Austria	1090257.0	MT-100	MT-100	18-May-99	99807712.7	10-Aug-05	ZL99807712.7
Switzerland	1090257.0	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
Germany	69934492.1	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
Spain	99924361.1	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	69934492.1
Finland	1090257.0	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
France	1090257.0	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
Great Britain	1090257.0	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
Netherlands	1090257.0	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
Sweden	99924361.1	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
Canada	2333870.0	MT-100	MT-100	18-May-99	99924361.1	20-Dec-06	1090257.0
Poland	192401.0	MT-101	MT-101	5-May-99	P-343905	14-Mar-06	192401.0
Australia	742412.0	MT-101	MT-101	5-May-99	3886399	11-Aug-01	742412.0
Israel	139441.0	MT-101	MT-101	5-May-99	139441.0	20-May-04	139441.0
Mexico	10726.0	MT-101	MT-101	15-May-99	10726.0		
China	99808281.3	MT-101	MT-101	5-May-99	99808281.3	27-Aug-03	99808281.3
Canada	2329795.0	MT-101	MT-101	5-May-99	2329795.0	13-Jun-04	2329795.0

Czech Republic	PV4133-2000	MT-101	MT-101	7-Nov-00	PV4133-2000			
Hong Kong	1037397.0	MT-101	MT-101	5-May-99	1108135.8		7-May-04	1037397.0
Mexico	211189.0	MT-101	MT-101	31-Oct-00	10726.0		6-Nov-02	211189.0
Europe	99921735.9	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Austria	1076800.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Belgium	1076800.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Switzerland	1076800.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Germany	69920684.7	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	69920684.7
Spain	99921735.9	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
France	1076800.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Great Britain	1076800.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Greece	20040403623.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	20040403623.0
Italy	1076800.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Netherlands	1076800.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Portugal	1076800.0	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Sweden	99921735.9	MT-101	MT-101	5-May-99	99921735.9		29-Sep-04	1076800.0
Japan	3866919.0	MT-101	MT-101	5-May-99	2000-547417		13-Oct-06	3866919.0
Japan	2000-612682	MT-104	MT-104	8-Mar-00	2000-612682			
Mexico	10509.0	MT-104	MT-104	17-Oct-01	10509.0			
Canada	2370625.0	MT-104	MT-104	8-Mar-00	2370625.0			
Europe	913799.3	MT-104	MT-104	8-Mar-00	913799.3			
Australia	760388.0	MT-105	MT-105	11-Oct-00	80096100		28-Aug-03	760388.0
Japan	2001-531591	MT-105	MT-105	11-Oct-00	2001-531591			
Europe	982663.7	MT-106	MT-106	17-Oct-00	982663.7			
Mexico	PA/A/02/004558	MT-106	MT-106	17-Oct-00	PA/A/02/004558			
Australia	766640.0	MT-106	MT-106	17-Oct-00	19665101		5-Feb-04	766640.0
Japan	2001-536916	MT-106	MT-106	17-Oct-00	2001-536916			
Czech Republic	PV1594-02	MT-106	MT-106	17-Oct-00	PV1594-02			
Canada	2389825.0	MT-106	MT-106	17-Oct-00	2389825.0			
Canada	2428854.0	MT-107	MT-107	28-Sep-01	2428854.0			
Europe	1975806.9	MT-107	MT-107	28-Sep-01	1975806.9			
Norway	20025485.0	MT-108	MT-108	16-Apr-01	20025485.0			
Canada	2407230.0	MT-108	MT-108	16-Apr-01	2407230.0			
China	1813004.6	MT-108	MT-108	16-Apr-01	1813004.6			
Russia	2253812.0	MT-108	MT-108	16-Apr-01	2002133865.0		10-Jun-05	2253812.0

Australia	2001251652.0	MT-108	MT-108	16-Apr-01	2001251652.0	21-Oct-04	
Czech Republic	PV2002-3798	MT-108	MT-108	16-Apr-01	PV2002-3798		
Poland	P-365194	MT-108	MT-108	16-Apr-01	P-365194		
South Korea	590304.0	MT-108	MT-108	14-Nov-02	10-2002-7015304	8-Jun-06	590304.0
India	PCT/02/01517MUM	MT-108	MT-108	29-Oct-02	PCT/02/01517MUM		
Europe	1925052.1	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Austria	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Belgium	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Switzerland	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Germany	60124097.9	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	60124097.9
Spain	1925052.1	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Finland	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
France	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Great Britain	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Greece	20070400073.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	20070400073.0
Italy	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Netherlands	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Portugal	1290392.0	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
Sweden	1925052.1	MT-108	MT-108	16-Apr-01	1925052.1	25-Oct-06	1290392.0
India	01066/MUMNP/05	MT-108-DIV	MT-108-DIV		01066/MUMNP/05		
Canada	2405065.0	MT-109	MT-109	8-Feb-01	2405065.0		
Europe	1923264.4	MT-109	MT-109	8-Feb-01	1923264.4		
China	1809282.9	MT-113	MT-113	16-Apr-01	1809282.9	2-Mar-05	ZL01809282.9
Canada	2407109.0	MT-113	MT-113	16-Apr-01	2407109.0		
Australia	2001253600.0	MT-113	MT-113	16-Apr-01	2001253600.0	2-Dec-04	2001253600.0
Mexico	235724.0	MT-113	MT-113	5-Nov-02	PA/A/02/010882	10-Apr-06	235724.0
Norway	20025390.0	MT-113	MT-113	11-Nov-02	20025390.0		
Czech Republic	PV3705-02	MT-113	MT-113	8-Nov-02	PV3705-02		
Europe	1927120.4	MT-113	MT-113	16-Apr-01	1927120.4		
Poland	P-365192	MT-113	MT-113	16-Apr-01	P-365192		
Czech Republic	PV2003-2133	MT-119	MT-119	12-Nov-01	PV2003-2133		
Australia	2002219933.0	MT-119	MT-119	21-Nov-01	2002219933.0		
Europe	1273240.0	MT-119	MT-119	21-Nov-01	1273240.0		
Canada	2432109.0	MT-119	MT-119	21-Nov-01	2432109.0		

Mexico	240783.0	MT-119	MT-119	10-Jul-03	PA/A/03/006183	5-Oct-06	240783.0
Japan	3962686.0	MT-119	MT-119	21-Nov-01	2002-556558	25-May-07	3962686.0
Mexico	238053.0	MT-120	MT-120	7-Dec-01	PA/A/03/005172	23-Jun-06	238053.0
Australia	2002230819.0	MT-120	MT-120	7-Dec-01	2002230819.0	6-Apr-06	2002230819.0
Canada	2429023.0	MT-120	MT-120	7-Dec-01	2429023.0		
Czech Republic	PV2003-1920	MT-120	MT-120	7-Dec-01	PV2003-1920		
Europe	1991065.2	MT-120	MT-120	7-Dec-01	1991065.2		
Poland	P-361747	MT-120	MT-120	7-Dec-01	P-361747		
Canada	2406110.0	MT-121	MT-121	1-May-01	2406110.0		
Europe	1931169.5	MT-121	MT-121	1-May-01	1931169.5	13-Jul-05	1282804.0
Germany	60111936.3	MT-121	MT-121	1-May-01	1931169.5	13-Jul-05	60111936.3
France	1282804.0	MT-121	MT-121	1-May-01	1931169.5	13-Jul-05	1282804.0
Great Britain	1282804.0	MT-121	MT-121	1-May-01	1931169.5	13-Jul-05	1282804.0
Netherlands	1282804.0	MT-121	MT-121	1-May-01	1931169.5	13-Jul-05	1282804.0
Europe	2725329.3	MT-123	MT-123	11-Mar-02	2725329.3		
Australia	2002255899.0	MT-123	MT-123	11-Mar-02	2002255899.0	9-Nov-06	2002255899.0
Norway	20034889.0	MT-123	MT-123	11-Mar-02	20034889.0		
Canada	2444636.0	MT-123	MT-123	11-Mar-02	2444636.0		
China	2813485.0	MT-123	MT-123	11-Mar-02	2813485.0		
Czech Republic	PV2003-3281	MT-123	MT-123	11-Mar-02	PV2003-3281		
Poland	P-367309	MT-123	MT-123	11-Mar-02	P-367309		
India	1718/DELNP/03	MT-123	MT-123	20-Oct-03	1718/DELNP/03	20-Oct-06	2285880.0
Russia	2285880.0	MT-123	MT-123	11-Mar-02	2003135203.0	13-Dec-06	242652.0
Mexico	242652.0	MT-123	MT-123	30-Oct-03	PA/A/03/009976		
China	200710004465.4	MT-123	MT-123	11-Mar-07	200710004465.4		
Europe	6077006.2	MT-123	MT-123	10-Nov-06	6077006.2		
Canada	2455825.0	MT-125	MT-125	18-Jun-02	2455825.0		
Europe	2752062.6	MT-125	MT-125	18-Jun-02	2752062.6		
Australia	2002355927.0	MT-125	MT-125	18-Jun-02	2002355927.0		
Norway	20040656.0	MT-125	MT-125	18-Jun-02	20040656.0		
Poland	P-368034	MT-125	MT-125	18-Jun-02	P-368034		
Mexico	242299.0	MT-125	MT-125	11-Feb-04	PA/A/04/001318	28-Nov-06	242299.0
Australia	2003226019.0	MT-128	MT-128	25-Mar-03	2003226019.0		
Europe	3750024.6	MT-128	MT-128	25-Mar-03	3750024.6		
Canada	2478870.0	MT-128	MT-128	25-Mar-03	2478870.0		



Poland	P-371900	MT-128	MT-128	25-Mar-03	P-371900		
India	04050/DELNP/04	MT-129	MT-129	24-Jun-03	04050/DELNP/04		
China	3820381.2	MT-129	MT-129	24-Jun-03	3820381.2		18-Mar-05
Australia	2003245679.0	MT-129	MT-129	24-Jun-03	2003245679.0		ZL03820381.2
Poland	P-373471	MT-129	MT-129	24-Jun-03	P-373471		
Europe	3739303.0	MT-129	MT-129	24-Jun-03	3739303.0		
Canada	2489331.0	MT-129	MT-129	24-Jun-03	2489331.0		
Norway	20051552.0	MT-129	MT-129	24-Jun-03	20051552.0		
Europe	5800300.5	MT-135	MT-135	29-Sep-05	5800300.5		
Mexico	MX/A/07/005467	MT-135	MT-135	29-Sep-05	MX/A/07/005467		
Norway	20072952.0	MT-135	MT-135	29-Sep-05	20072952.0		
India	02577/DELNP/07	MT-135	MT-135	29-Sep-05	02577/DELNP/07		
Australia	2005307015.0	MT-135	MT-135	29-Sep-05	2005307015.0		
China	200580038769.1	MT-135	MT-135	29-Sep-05	200580038769.1		
Japan		MT-135	MT-135	9/29/2005	2007-541178		
Australia	2005236397.0	MT-136	MT-136	23-Feb-05	2005236397.0		
India	4956/DELNP/2006	MT-136	MT-136	29-Aug-06	4956/DELNP/2006		
Canada	2556898.0	MT-136	MT-136	23-Feb-05	2556898.0		
China	200580011072.5	MT-136	MT-136	23-Feb-05	200580011072.5		
Russia	2006139962.0	MT-136	MT-136	23-Feb-05	2006139962.0		
Europe	5723490.8	MT-136	MT-136	23-Feb-05	5723490.8		
Europe	218590.0	MT-201	MT-201	19-Jun-85	85903427.4		24-Jan-89
Canada	1249213.0	MT-201	MT-201		484668.0		26-Feb-96
Japan	2024751.0	MT-201	MT-201		50292885.0		2024751.0
Europe	507777.0	MT-202	MT-202	23-Oct-90	90916399.0		507777.0
Canada	2067166-1	MT-202	MT-202		2067166-1		2067166-1
Sweden	8903556-2	MT-202	MT-202	26-Oct-89	8903556-2		18-Jun-92
Germany	P69013163.1	MT-202	MT-202	23-Oct-90	90916399.0		8903556-2
Europe	609288.0	MT-203	MT-203	24-Aug-92	92921379.1		5-Oct-94
Canada		MT-203	MT-203		2121238.0		609288.0
Japan		MT-203	MT-203		50763394.0		
Sweden	9103008-0	MT-203	MT-203	24-Aug-92	9103008.0		11-Mar-93
Germany	P69209084.3	MT-203	MT-203	25-Jun-90	92921379.1		13-Mar-96
Europe	479937.0	MT-204	MT-204		90917830.3		479937.0
Sweden	8902328-7	MT-204	MT-204		8902328-7		8902328-7
Europe	615599.0	MT-205	MT-205	24-Aug-92	92923167.8		615599.0

Spain	615599.0	MT-205	MT-205	24-Aug-92	92923167.8	17-Apr-96	615599.0
Great Britain	615599.0	MT-205	MT-205	24-Aug-92	92923167.8	17-Apr-96	615599.0
Italy	615599.0	MT-205	MT-205	24-Aug-92	92923167.8	17-Apr-96	615599.0
Netherlands	615599.0	MT-205	MT-205	24-Aug-92	92923167.8	17-Apr-96	615599.0
France	615599.0	MT-205	MT-205	24-Aug-92	92923167.8	17-Apr-96	615599.0
Canada		MT-205	MT-205		2123703.0		
Japan	3130044.0	MT-205	MT-205		51082494.0		
Sweden	9103634-3	MT-205	MT-205		9103634-3	11-Jul-94	9103634-3
Germany	P69210039.3	MT-205	MT-205	24-Aug-92	92923167.8	17-Apr-96	P69210039.3
Europe	616673.0	MT-206	MT-206	24-Aug-92	93911644.8		616673.0
Canada		MT-206	MT-206		2123884.0		
Japan	3217364.0	MT-206	MT-206		51082394.0		
Sweden	9103786-1	MT-206	MT-206		9103786-1		9103786-1
Germany	P69217503.2	MT-206	MT-206	24-Aug-92	93911644.8	12-Feb-97	P69217503.2
International	PCT/SE99/00343	MT-207	MT-207	23-Sep-99	PCT/SE99/00343		
Europe		MT-207	MT-207	8-Mar-99	99912194.0		
Sweden		MT-207	MT-207	17-Mar-98	9800866-7		
International	PCT/SE95/01476	MT-208	MT-208	8-Dec-95	PCT/SE95/01476	26-Oct-00	721-741
Australia	721-741	MT-208	MT-208	8-Dec-95	4498696.0	26-Dec-01	721-741
Brazil	PI-9510670	MT-208	MT-208	8-Dec-95	PI-95106707		PI-9510670
Canada		MT-208	MT-208	8-Dec-95	2238096.0		
China	197998.0	MT-208	MT-208	8-Dec-95	95197998.0	14-Apr-04	197998.0
Europe	865592.0	MT-208	MT-208	8-Dec-95	95943562.9	28-Aug-02	865592.0
France	865592.0	MT-208	MT-208	8-Dec-95	95943562.9	28-Aug-02	865592.0
Italy	865592.0	MT-208	MT-208	8-Dec-95	95943562.9	28-Aug-02	865592.0
Netherlands	865592.0	MT-208	MT-208	8-Dec-95	95943562.9	28-Aug-02	865592.0
Spain	865592.0	MT-208	MT-208	8-Dec-95	95943562.9	28-Aug-02	865592.0
Sweden	865592.0	MT-208	MT-208	8-Dec-95	95943562.9	28-Aug-02	865592.0
Great Britain	865592.0	MT-208	MT-208	8-Dec-95	95943562.9	28-Aug-02	865592.0
Israel	119728.0	MT-208	MT-208	1-Dec-96	119728.0	1-Feb-01	119728.0
South Africa	96-10239	MT-208	MT-208		9610239.0	27-Aug-97	96-10239
Russia	2179283.0	MT-208	MT-208		98112607.0	10-Feb-02	2179283.0
Poland	181-258	MT-208	MT-208	8-Dec-05	P328-697	9-Jan-01	181-258
Germany	P695277995.5	MT-208	MT-208	8-Dec-05	95943562.9	28-Aug-02	P695277995.5
Europe	1144757.0	MT-210	MT-210	24-Nov-99	9993745.7		1144757.0
Austria	1144757.0	MT-210	MT-210	24-Nov-99	99963745.7	5-Feb-03	1144757.0

Canada	2357548.0	MT-210	MT-210	24-Nov-99	2357548.0	24-Nov-99	5-Feb-03	69905289.0
Germany	69905289.0	MT-210	MT-210	24-Nov-99	99963745.7	24-Nov-99	5-Feb-03	1144757.0
Spain	99963745.7	MT-210	MT-210	24-Nov-99	99963745.7	24-Nov-99	5-Feb-03	1144757.0
Finland	1144757.0	MT-210	MT-210	24-Nov-99	99963745.7	24-Nov-99	5-Feb-03	1144757.0
France	1144757.0	MT-210	MT-210	24-Nov-99	99963745.7	24-Nov-99	5-Feb-03	1144757.0
Portugal	1144757.0	MT-210	MT-210	24-Nov-99	99963745.7	24-Nov-99	5-Feb-03	1144757.0
Sweden	9804061.1	MT-210	MT-210	26-Nov-98	9804061.1	26-Nov-98	5-Feb-03	1144757.0
International	PCT/SE01/00092	MT-211	MT-211	19-Jan-01	PCT/SE01/00092	19-Jan-01		
Europe	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Germany	P60109582.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	P60109582.0
Denmark	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Spain	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Finland	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
France	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Great Britain	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Greece	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Ireland	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Italy	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Netherlands	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Sweden	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Austria	1254341.0	MT-211	MT-211	19-Jan-01	1904678.8	19-Jan-01	23-Mar-05	1254341.0
Japan		MT-211	MT-211	19-Jan-01	2001-558663	19-Jan-01		
Australia	23250901.0	MT-211	MT-211	19-Jan-01	23250901.0	19-Jan-01	24-Jun-04	23250901.0
Canada		MT-211	MT-211	19-Jan-01	2398899.0	19-Jan-01		
Poland		MT-211	MT-211	19-Jan-01	P357636	19-Jan-01		
China	97196760.1	MT-301	MT-301	21-Jul-97	97196760.1	21-Jul-97	30-Oct-02	97196760.1
Europe	97934959.4	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	918719.0
Japan	3369576.0	MT-301	MT-301	21-Jul-97	10-507050	21-Jul-97	15-Nov-02	3369576.0
Germany	69734660.9	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	69734660.9
Spain	97934959.4	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	918719.0
Finland	918719.0	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	918719.0
France	918719.0	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	918719.0
Great Britain	918719.0	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	918719.0
Italy	918719.0	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	918719.0
Netherlands	918719.0	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	918719.0
Sweden	97934959.4	MT-301	MT-301	21-Jul-97	97934959.4	21-Jul-97	16-Nov-05	918719.0

Europe	98960769.2	MT-302	MT-302	4-Dec-98	98960769.2	6-Aug-03	1037841.0
Canada	2313218.0	MT-302	MT-302	4-Dec-98	2313218.0	30-Jan-07	2313218.0
Germany	69817018.0	MT-302	MT-302	4-Dec-98	98960769.2	6-Aug-03	69817018.0
Great Britain	1037841.0	MT-302	MT-302	4-Dec-98	98960769.2	6-Aug-03	1037841.0
Japan		MT-302	MT-302	4-Dec-98	2000-524210		
Finland	1037841.0	MT-302	MT-302	4-Dec-98	98960769.2	6-Aug-03	1037841.0
France	1037841.0	MT-302	MT-302	4-Dec-98	98960769.2	6-Aug-03	1037841.0
Italy	1037841.0	MT-302	MT-302	4-Dec-98	98960769.2	6-Aug-03	1037841.0
Sweden	1037841.0	MT-302	MT-302	4-Dec-98	98960769.2	6-Aug-03	1037841.0
Switzerland	1037841.0	MT-302	MT-302	4-Dec-98	98960769.2	6-Aug-03	1037841.0
Canada	1273195.0	MT-304	MT-304	27-Mar-86	505436.0	28-Aug-90	1273195.0
Japan	2074964.0	MT-304	MT-304	28-Mar-86	7066786	25-Jul-96	2074964.0
Canada	1299595.0	MT-305	MT-305	27-Feb-87	530735.0	28-Apr-92	1299595.0
Canada	590543.0	MT-307	MT-307	9-Feb-89	590543.0		
Germany	68900514.8	MT-307	MT-307	10-Feb-89	89200331.0	11-Dec-91	68900514.8
Europe	89200331.0	MT-307	MT-307	10-Feb-89	89200331.0	11-Dec-91	328227.0
Italy	89200331.0	MT-307	MT-307	10-Feb-89	89200331.0	11-Dec-91	328227.0
France	328227.0	MT-307	MT-307	10-Feb-89	89200331.0	11-Dec-91	328227.0
Japan	2649180.0	MT-307	MT-307	10-Feb-89	3256689	16-May-97	2649180.0
Japan	2546947.0	MT-308	MT-308	10-Feb-89	4-35015	8-Aug-96	2546947.0
Europe	541144.0	MT-403	MT-403	21-Feb-92	92203141.4	13-Dec-95	541144.0
China	92112421.X	MT-403	MT-403	3-Oct-92	92112421.X	9-Oct-94	92112421.X
Germany	69206761.2	MT-403	MT-403	26-Oct-92	92203141.4	13-Dec-95	69206761.2
France	541144.0	MT-403	MT-403	13-Oct-92	92203141.4	13-Dec-95	541144.0
Great Britain	541144.0	MT-403	MT-403	13-Oct-92	92203141.4	13-Dec-95	541144.0
Sweden	9103201.1	MT-403	MT-403	1-Nov-91			9103201.1
China	94193845.X	MT-404	MT-404	4-May-96	94193845.X	10-Jul-98	94193845.X
Germany	69423640.3	MT-404	MT-404	16-Sep-94	94928531.6	22-Mar-00	69423640.3
France	723521.0	MT-404	MT-404	16-Sep-94	94928531.6	22-Mar-00	723521.0
Great Britain	723521.0	MT-404	MT-404	16-Sep-94	94928531.6	22-Mar-00	723521.0
Italy	723521.0	MT-404	MT-404	16-Sep-94	94928531.6	22-Mar-00	723521.0
Japan	8-226185	MT-404	MT-404	16-Sep-94	8-226185		
Netherlands	723521.0	MT-404	MT-404	16-Sep-94	94928531.6	22-Mar-00	723521.0
Japan	3505041.0	MT-404	MT-404	9-Aug-96	08-226185	19-Dec-03	3505041.0
Japan	2000-535858	MT-405	MT-405	5-Mar-99	2000-535858		
China	99803737.0	MT-405	MT-405	5-Mar-99	99803737.0	12-Nov-02	99803737.0

Sweden	9800743.8	MT-405	MT-405	9-Mar-98	9800743.8	5-Aug-03	9800743.8
Europe	99912192.4	MT-405	MT-405	5-Mar-99	99912192.4	5-Mar-03	1062437.0
Germany	69905697.7	MT-405	MT-405	5-Mar-99	99912192.4	5-Mar-03	69905697.7
France	1062437.0	MT-405	MT-405	5-Mar-99	99912192.4	5-Mar-03	1062437.0
Great Britain	1062437.0	MT-405	MT-405	5-Mar-99	99912192.4	5-Mar-03	1062437.0
Italy	1062437.0	MT-405	MT-405	5-Mar-99	99912192.4	5-Mar-03	1062437.0
International	PCT/SE01/00990	MT-407	MT-407				
Sweden	1757.4	MT-407	MT-407	12-May-00	1757.4	15-Jan-02	1757.4
Europe	1930380.9	MT-407	MT-407	8-May-01	1930380.9	7-Dec-05	1292519.0
Germany	1292519.0	MT-407	MT-407	8-May-01	1930380.9	7-Dec-05	1292519.0
France	1292519.0	MT-407	MT-407	8-May-01	1930380.9	7-Dec-05	1292519.0
Great Britain	1292519.0	MT-407	MT-407	8-May-01	1930380.9	7-Dec-05	1292519.0
Italy	1292519.0	MT-407	MT-407	8-May-01	1930380.9	7-Dec-05	1292519.0
China	1809147.4	MT-407	MT-407	8-May-01	1809147.4	21-Dec-05	1809147.4
Japan		MT-407	MT-407	8-May-01	2001-582198		
Germany	P4020954.7	MT-409	MT-409	30-Jun-90	P4020954.7	24-Jun-04	P4020954.7
Japan	2778805.0	MT-409	MT-409	31-May-90	1432273/90	8-May-98	2778805.0
Japan	3702040.0	MT-411	MT-411	24-Apr-96	08-126340	22-Jul-05	3702040.0
Germany	19616322.6	MT-411	MT-411	24-Apr-96	19616322.6	4-Jan-07	19616322.6
Sweden	601535.8	MT-412	MT-412	10-Jul-06	601535.8		
Sweden	601534.1	MT-413	MT-413	10-Jul-06	601534.1		
Canada	1313395.0	MT-3017	MT-3017			2-Feb-93	1313395.0
Canada	1337452.0	MT-3018	MT-3018	6-Jun-89	601907.0	31-Oct-95	1337452.0
Germany	68922245.9	MT-3018	MT-3018	7-Jun-89	89305718.2	19-Apr-95	68922245.9
Europe	89305718.2	MT-3018	MT-3018	7-Jun-89	89305718.2	19-Apr-95	346080.0
France	346080.0	MT-3018	MT-3018	7-Jun-89	89305718.2	19-Apr-95	346080.0
Great Britain	346080.0	MT-3018	MT-3018	7-Jun-89	89305718.2	19-Apr-95	346080.0
Germany	68912412.0	MT-3019	MT-3019	5-Jun-89	89305644.0	19-Jan-94	68912412.0
Europe	89305644.0	MT-3019	MT-3019	5-Jun-89	89305644.0	19-Jan-94	346042.0
France	346042.0	MT-3019	MT-3019	5-Jun-89	89305644.0	19-Jan-94	346042.0
Great Britain	346042.0	MT-3019	MT-3019	5-Jun-89	89305644.0	19-Jan-94	346042.0
Canada	1337453.0	MT-3019	MT-3019	6-Jun-89	601909.0	31-Oct-95	1337453.0
Japan	2937201.0	MT-3019	MT-3019	7-Jun-89	145051/89	11-Jun-99	2937201.0
Europe	89305651.5	MT-3111	MT-3111	5-Jun-89	89305651.5	27-Oct-93	346046.0
Japan	145048/89	MT-3111	MT-3111	7-Jun-89	145048/89		
Canada	1337361.0	MT-3112	MT-3112	6-Jun-89	601908.0	17-Oct-95	1337361.0

Germany	68912829.0	21889	MT-3112	5-Jun-89	89305643.2	2-Feb-94	68912829.0
Europe	89305643.2	21889	MT-3112	5-Jun-89	89305643.2	2-Feb-94	346041.0
France	346041.0	21889	MT-3112	5-Jun-89	89305643.2	2-Feb-94	346041.0
Great Britain	346041.0	21889	MT-3112	5-Jun-89	89305643.2	2-Feb-94	346041.0
Canada	1317339.0	21891	MT-3114	5-Jun-89	89305643.2	4-May-93	1317339.0
Japan	317411/89	21942	MT-3161	6-Dec-89	317411/89		
Canada	2036288.0	21992	MT-3205	13-Feb-91	2036288.0		
Europe	91301152.4	21992	MT-3205	13-Feb-91	91301152.4	2-Oct-96	443770.0
Germany	69022924.0	22023	MT-3210	9-Aug-90	90308788.0	11-Oct-95	69022924.0
Europe	90308788.0	22023	MT-3210	9-Aug-90	90308788.0	11-Oct-95	413517.0
France	413517.0	22023	MT-3210	9-Aug-90	90308788.0	11-Oct-95	413517.0
Great Britain	413517.0	22023	MT-3210	9-Aug-90	90308788.0	11-Oct-95	413517.0
Europe	90308790.6	22024	MT-3211	9-Aug-90	90308790.6	12-Oct-94	413519.0
Japan	238830/90	22020	MT-3215	7-Sep-90	238830/90		
Canada	1276869.0	22044	MT-3222	28-Aug-86	517066.0	27-Nov-90	1276869.0
Japan	30017/88	22044	MT-3222	11-Feb-88	30017/88		
Japan	145011/87	22044	MT-3222	10-Jun-87	145011/87		
Canada	1305041.0	22045	MT-3223			14-Jul-92	1305041.0
Europe	91300308.3	22040	MT-3228	16-Jan-91	91300308.3	22-May-96	441484.0
France	441484.0	22040	MT-3228	16-Jan-91	91300308.3	22-May-96	441484.0
Great Britain	441484.0	22040	MT-3228	16-Jan-91	91300308.3	22-May-96	441484.0
Germany	69119619.2	22040	MT-3228	16-Jan-91	91300308.3	22-May-96	69119619.2
Canada	2033883.0	22040	MT-3228	9-Jan-91	2033883.0	4-Sep-01	2033883.0
Europe	91300200.2	22050	MT-3229	11-Jan-91	91300200.2	15-Dec-93	438236.0
Japan	3370/91	22050	MT-3229	16-Jan-91	3370/91		
Europe	91300199.6	22052	MT-3230	11-Jan-91	91300199.6	15-Mar-95	438235.0
Japan	3365/91	22052	MT-3230	16-Jan-91	3365/91		
Europe	91300020.4	22069	MT-3237	2-Jan-91	91300020.4	26-Mar-97	438208.0
Japan	3358/91	22069	MT-3237	16-Jan-91	3358/91		
Europe	92300772.8	22099	MT-3268	29-Jan-92	92300772.8	20-Mar-96	497584.0
Japan	12227/92	22099	MT-3268	27-Jan-92	12227/92		
Europe	92302971.4	22106	MT-3296	3-Apr-92	92302971.4	13-Sep-95	513990.0
Japan	141967/92	22106	MT-3296	8-May-92	141967/92		
Japan	98570/92	22130	MT-3304	26-Mar-92	98570/92		
Europe	93303248.4	22372	MT-3404	26-Apr-93	93303248.4	12-Feb-97	568301.0
Czech	PV2223-95	22424	MT-3457		PV2223-95		

Republic	94909051.8	22424	MT-3457	25-Feb-94	94909051.8	23-Sep-98	686250.0
Europe	06-519529	22424	MT-3457	25-Feb-94	06-519529		
Japan	PCT/EP94/00539	22424	MT-3457	25-Feb-94	PCT/EP94/00539		
International	2120182.0	22386	MT-3462	29-Mar-94	2120182.0	29-Oct-02	2120182.0
Canada	94302555.1	22386	MT-3462	12-Apr-94	94302555.1	16-Sep-98	623698.0
Europe	94012932.0	22386	MT-3462	18-Apr-94	94012932.0		
Russia	94005188.0	22386	MT-3462	18-Apr-94	94005188.0		
Ukraine	69413296.9	22386	MT-3462	12-Apr-94	94302555.1	16-Sep-98	69413296.9
Germany	623698.0	22386	MT-3462	12-Apr-94	94302555.1	16-Sep-98	623698.0
Great Britain	2145058.0	22622	MT-3499	20-Mar-95	2145058.0	27-May-03	2145058.0
Canada	69500781.5	22622	MT-3499	20-Mar-95	95301853.8	1-Oct-97	69500781.5
Germany	95301853.8	22622	MT-3499	20-Mar-95	95301853.8	1-Oct-97	675064.0
Europe	675064.0	22622	MT-3499	20-Mar-95	95301853.8	1-Oct-97	675064.0
Great Britain	3608633.0	22594	MT-3511	17-Aug-95	209791/95	22-Oct-04	3608633.0
Japan	95938768.9	22772	MT-3513		95938768.9	31-Mar-99	734507.0
Europe	PCT/US95/13316	22772	MT-3513	13-Oct-95	PCT/US95/13316		
International	95942985.3	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Europe	3755829.0	22804	MT-3516C	5-Dec-95	517701/96	6-Jan-06	3755829.0
Japan	PCT/US95/15742	22804	MT-3516C	5-Dec-95	PCT/US95/15742		
International	796415.0	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Austria	796415.0	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Belgium	796415.0	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Switzerland	69522824.2	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	69522824.2
Germany	95942985.3	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Spain	796415.0	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
France	796415.0	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Great Britain	3037583.0	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	3037583.0
Greece	796415.0	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Italy	796415.0	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Netherlands	95942985.3	22804	MT-3516C	5-Dec-95	95942985.3	19-Sep-01	796415.0
Sweden	2207079.0	22804	MT-3516C	5-Dec-95	2207079.0	11-Apr-06	2207079.0
Canada							
Czech Republic	PV3330-95	22626	MT-3517	15-Dec-95	PV3330-95	16-Feb-00	69515109.6
Germany	69515109.6	22626	MT-3517	15-Dec-95	95309141.0		
Europe	95309141.0	22626	MT-3517	15-Dec-95	95309141.0	16-Feb-00	717237.0

Great Britain	717237.0	22626	MT-3517	15-Dec-95	95309141.0	16-Feb-00	717237.0
Netherlands	717237.0	22626	MT-3517	15-Dec-95	95309141.0	16-Feb-00	717237.0
Europe	95309142.8	22661	MT-3518	15-Dec-95	95309142.8	21-Feb-01	717239.0
Austria	721095.0	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Belgium	721095.0	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Canada	2166589.0	22789	MT-3519	4-Jan-96	2166589.0		
Czech Republic	291683.0	22789	MT-3519	29-Dec-95	PV3510-95	1-Mar-03	291683.0
Germany	69512368.8	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	69512368.8
Europe	95309305.1	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Spain	95309305.1	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
France	721095.0	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Great Britain	721095.0	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Greece	3032085.0	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	3032085.0
Ireland	721095.0	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Italy	721095.0	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Netherlands	721095.0	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Norway	312168.0	22789	MT-3519	3-Jan-96	19960010.0	2-Apr-02	312168.0
Sweden	95309305.1	22789	MT-3519	20-Dec-95	95309305.1	22-Sep-99	721095.0
Finland	110815.0	22789	MT-3519	3-Jan-96	960028.0	31-Mar-03	110815.0
Poland	180176.0	22789	MT-3519	4-Jan-96	P-312148	30-Jun-00	180176.0
Austria	723126.0	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
Belgium	723126.0	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
Canada	2167462.0	22792	MT-3522	17-Jan-96	2167462.0	12-Dec-06	2167462.0
Germany	69604311.4	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	69604311.4
Europe	96300311.6	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
Spain	96300311.6	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
France	723126.0	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
Great Britain	723126.0	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
Greece	3031950.0	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	3031950.0
Ireland	723126.0	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
Italy	723126.0	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
Japan	6746/96	22792	MT-3522	18-Jan-96	6746/96		
Netherlands	723126.0	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0
Norway	310256.0	22792	MT-3522	17-Jan-96	19960205.0	11-Jun-01	310256.0
Sweden	96300311.6	22792	MT-3522	16-Jan-96	96300311.6	22-Sep-99	723126.0



Czech Republic	294960.0	22792	MT-3522	16-Jan-96	PV135-96	21-Feb-05	294960.0
Finland	110816.0	22792	MT-3522	17-Jan-96	960234.0	31-Mar-03	110816.0
Poland	179612.0	22792	MT-3522	18-Jan-96	P-312371	5-Apr-00	179612.0
South Africa	96/0370	22792	MT-3522	17-Jan-96	96/0370	30-Oct-96	96/0370
Japan	3686151.0	22792	MT-3522	18-Jan-96	08-006746	10-Jun-05	3686151.0
Europe	96301832.0	22780	MT-3524	18-Mar-96	96301832.0	12-Jun-02	733870.0
Japan	3703558.0	22780	MT-3524	21-Mar-96	64308/96	29-Jul-05	3703558.0
Germany	69621682.5	22780	MT-3524	18-Mar-96	96301832.0	12-Jun-02	69621682.5
France	733870.0	22780	MT-3524	18-Mar-96	96301832.0	12-Jun-02	733870.0
Great Britain	733870.0	22780	MT-3524	18-Mar-96	96301832.0	12-Jun-02	733870.0
Italy	733870.0	22780	MT-3524	18-Mar-96	96301832.0	12-Jun-02	733870.0
Netherlands	733870.0	22780	MT-3524	18-Mar-96	96301832.0	12-Jun-02	733870.0
Canada	2172214.0	22780	MT-3524	20-Mar-96	2172214.0	24-Jan-06	2172214.0
Czech Republic	296057.0	22780	MT-3524	20-Mar-96	PV836-96	31-Oct-05	296057.0
International	PCT/US97/07593	22874	MT-3572	6-May-97	PCT/US97/07593	5-Jul-05	2251765.0
Canada	2251765.0	MT-3572	MT-3572	13-Oct-98	2251765.0	16-Oct-03	216942.0
Japan	540127/97	MT-3572	MT-3572	6-Nov-98	540127/97	28-Jun-06	914190.0
Mexico	216942.0	MT-3572	MT-3572	4-Nov-98	989197.0	28-Jun-06	914190.0
Austria	914190.0	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
Belgium	914190.0	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
Germany	69736231.0	MT-3572	MT-3572	6-May-97	97923554.6	28-Jun-06	69736231.0
Europe	97923554.6	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
Spain	97923554.6	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
France	914190.0	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
Great Britain	914190.0	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
Greece	20060403080.0	MT-3572	MT-3572	6-May-97	97923554.6	28-Jun-06	20060403080.0
Italy	914190.0	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
Netherlands	914190.0	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
Sweden	97923554.6	MT-3572	MT-3572		97923554.6	28-Jun-06	914190.0
International	PCT/US97/08009	22887	MT-3573		PCT/US97/08009	3-May-05	2251767.0
Canada	2251767.0	MT-3573	MT-3573	13-Oct-98	2251767.0	23-Oct-02	897461.0
Europe	97925529.6	MT-3573	MT-3573	8-May-97	97925529.6	20-Jun-02	208486.0
Japan	541019/97	MT-3573	MT-3573	10-Nov-98	541019/97	23-Oct-02	897461.0
Mexico	208486.0	MT-3573	MT-3573	4-Nov-98	989196.0	20-Jun-02	208486.0
Germany	69716595.7	MT-3573	MT-3573	8-May-97	97925529.6	23-Oct-02	69716595.7

Spain	97925529.6	MT-3573	MT-3573	8-May-97	97925529.6	23-Oct-02	897461.0
France	897461.0	MT-3573	MT-3573	8-May-97	97925529.6	23-Oct-02	897461.0
Great Britain	897461.0	MT-3573	MT-3573	8-May-97	97925529.6	23-Oct-02	897461.0
Netherlands	897461.0	MT-3573	MT-3573	8-May-97	97925529.6	23-Oct-02	897461.0
Sweden	97925529.6	MT-3573	MT-3573	8-May-97	97925529.6	23-Oct-02	897461.0
International	PCT/US97/08924	22890	MT-3574		PCT/US97/08924		
Canada	2251768.0	MT-3574	MT-3574	13-Oct-98	2251768.0	10-May-05	2251768.0
Czech Republic	297340.0	MT-3574	MT-3574	20-May-97	PV3765-98	2-Oct-06	297340.0
Japan	542828/97	MT-3574	MT-3574	20-Nov-98	542828/97		
Mexico	206957.0	MT-3574	MT-3574	10-Nov-98	989383.0	28-Feb-02	206957.0
Europe	97925737.5	MT-3574	MT-3574	20-May-97	97925737.5	17-Sep-03	907401.0
Austria	907401.0	MT-3574	MT-3574	20-May-97	97925737.5	17-Sep-03	907401.0
Germany	69724960.3	MT-3574	MT-3574	20-May-97	97925737.5	17-Sep-03	69724960.3
Spain	97925737.5	MT-3574	MT-3574	20-May-97	97925737.5	17-Sep-03	907401.0
France	907401.0	MT-3574	MT-3574	20-May-97	97925737.5	17-Sep-03	907401.0
Great Britain	907401.0	MT-3574	MT-3574	20-May-97	97925737.5	17-Sep-03	907401.0
Netherlands	907401.0	MT-3574	MT-3574	20-May-97	97925737.5	17-Sep-03	907401.0
Sweden	97925737.5	MT-3574	MT-3574	20-May-97	97925737.5	17-Sep-03	907401.0
Canada	2277773.0	MT-3591	MT-3591	14-Jul-99	2277773.0	2-Jan-07	2277773.0
Europe	98902659.6	MT-3591	MT-3591	5-Jan-98	98902659.6	24-Mar-04	961911.0
Japan	3621708.0	MT-3591	MT-3591	5-Jan-98	532947/98	26-Nov-04	3621708.0
Mexico	213049.0	MT-3591	MT-3591	5-Jan-98	997017.0	27-Feb-03	213049.0
Poland	186433.0	MT-3591	MT-3591	5-Jan-98	P-334755	6-Jun-03	186433.0
Australia	719181.0	MT-3591	MT-3591	5-Jan-98	59262/98	17-Aug-00	719181.0
Austria	961911.0	MT-3591	MT-3591	5-Jan-98	98902659.6	24-Mar-04	961911.0
Switzerland	961911.0	MT-3591	MT-3591	5-Jan-98	98902659.6	24-Mar-04	961911.0
Germany	69822609.7	MT-3591	MT-3591	5-Jan-98	98902659.6	24-Mar-04	69822609.7
France	961911.0	MT-3591	MT-3591	5-Jan-98	98902659.6	24-Mar-04	961911.0
Great Britain	961911.0	MT-3591	MT-3591	5-Jan-98	98902659.6	24-Mar-04	961911.0
Canada	2530072.0	MT-3591	MT-3591	5-Jan-98	2530072.0	22-May-07	2530072.0
Australia	725663.0	MT-3595	MT-3595	23-Apr-98	71548/98		725663.0
Canada	2286603.0	MT-3595	MT-3595	23-Apr-98	2286603.0		
Mexico	213052.0	MT-3595	MT-3595	23-Apr-98	999818.0	27-Feb-03	213052.0
Europe	98918668.9	MT-3595	MT-3595	23-Apr-98	98918668.9		
Japan	547146/98	MT-3595	MT-3595	23-Apr-98	547146/98		



ATLANTIC RESEARCH CORPORATION - AUTOMOTIVE UNITED STATES PATENTS

CASE NUMBER	PATENT NUMBER	TITLE
A-053	5345876	Hybrid Inflator
A-077A	5589141	Use of Mixed Gases in Hybrid Air Bag Inflators
A-081	5601310	Hybrid Inflator and Method of Use
A-105	6076468	Solid Propellant/Water Type Hybrid Gas Generator
A-272	6168200	Duet Level Inflator
AA-287	6213503	Multi-Level Output Air Bag Inflator
AA-286	6447007	Compact Dual Nozzle Air Bag Inflator
AA-386	6601872	Compact Multi-Level Inflator

ATLANTIC RESEARCH CORPORATION - AUTOMOTIVE APPLICATIONS (US)

CASE NUMBER	APPLN. NUMBER	FILING DATE	TITLE
AA-500A	11/054338	2/10/05	Multi-Level Output Gas Generator
AA-501	10/678305	10/6/03	Pressure Wave Gas Generator
AA-507	11/097378	4/4/05	Airbag Inflator Vibration Damper
AA-509	11/397889	4/5/06	CADH Vibration Damper
AA-510	11/398752	4/6/06	Airbag Inflation Vibration Damper

ATLANTIC RESEARCH CORPORATION - PATENTS AND PATENT APPLICATIONS (FOREIGN)

CASE NUMBER	COUNTRY	PATENT/APPLN. NUMBER	TITLE
A-074	EPC (DE, IT)	921966	Hybrid Inflator For Inflating Air Bags
	Korea	436753	
	Mexico	991982	
A-077A	Mexico	213537	Use of Mixed Gases In Hybrid Air Bag Inflators
A-081	EPC (IT)	851819	Hybrid Inflator and Method of Use
A-102	Mexico	222147	Aspiration-Type Air Bag Inflation Apparatus
A-104	Japan	2000-550705	Dual Level Gas Generator
A-272	Japan	2000-585108	Dual Level Inflator
	Korea	2001-7006664	
	Mexico	229001	
	EPC (DE,IT,ES)	1133417	
AA-286	PCT	PCT/US01/09687	Compact Dual Nozzle Air Bag Inflator
	EPC	01920785.1	
	Japan	2001-570491	
	Korea	2002-7012967	
AA-386	PCT	PCT/US02/25830	Compact Multi-Level Inflator
	China	2818391.6	
	EPC (FR, IT)	1425202	
	Germany	60212151.5	
	Japan	2003-520622	
	Korea	2004-7002251	
AA-500	PCT	PCT/US04/07976	Compact Multi-Level Output Hybrid

CASE NUMBER	COUNTRY	PATENT/APPLN. NUMBER	TITLE
	EPC	4801830.3	Gas Generator
	Korea	2005-7025523	
	China	PCT/US04/07976	
AA-500(CIP)	PCT	PCT/US05/44577	Compact Multi-Level Output Hybrid Gas Generator
	China	200580047994.1	
AA-507	PCT	PCT/US06/11414	Airbag Inflation Vibration Damper
	China		
	Japan		
	EPC		
	Korea		
AA-509	PCT		Driver Airbag Vibration Damper
AA-510	PCT		Airbag Inflator Vibration Damper

ATLANTIC RESEARCH CORPORATION - BAICO PATENTS (US)

CASE NUMBER	PATENT NUMBER	TITLE
A-201	5763817	Center Gas Fill Inflator
A-202	5851027	Variable Output Driver Side Hybrid Inflator
A-205	5022674	Dual Pyrotechnic Hybrid Inflator
A-206	5031932	Single Pyrotechnic Hybrid Inflator
A-207	5066038	Driver Side Hybrid Inflator and Air Bag Module
A-208	5076607	Hybrid Inflator
A-210	5257819	Hybrid Inflator

A-213	5472229	Mounting of a Thrust Neutral Inflator For Air Bag Modules
A-215	5660412	Hybrid Inflator

ATLANTIC RESEARCH CORPORATION --BAICO PATENTS AND APPLICATIONS (FOREIGN)

CASE NUMBER	COUNTRY	PATENT/APPLN. NUMBER	TITLE
A-201	EPC (IT)	918666	Center Gas Fill Inflator
	Korea	525781	
A-202	Japan	10-513012	Variable Output Driver Side Hybrid Inflator
	EPC (FR,DE,IT)	923467	
	China	97197714.3	
	Korea	517461	
A-205	Japan	3089358	Dual Pyrotechnic Hybrid Inflator
	Korea	10-215260	
	Germany	69106127.0	
	EPC (FR, IT)	523108	
A-206	Korea	167792	Single Pyrotechnic Hybrid Inflator
	Japan	3127300	
	EPC (IT)	523135	
A-207	Mexico	180691	Driver Side Hybrid Inflator and Air Bag Module
A-208	EPC (IT)	558651	
A-208	Mexico	174031	

CASE NUMBER	COUNTRY	PATENT/APPLN. NUMBER	TITLE
A-210	EPC (IT) Mexico	616578 182137	Hybrid Inflator
A-211	Mexico	183505	Temperature Compensated Low Pressure Switch For Hybrid Inflators
A-212	Mexico	182652	Hybrid Inflator With Staged Inflation Capability
A-213	Mexico	182328	Mounting of a Thrust Neutral Inflator For Air Bag Modules
A-215	Korea	386755	Hybrid Inflator
	Japan	519170/96	
	EPC (FR, DE, IT)	796179	

ATLANTIC RESEARCH CORPORATION - AIRBAG PROPELLANT PATENTS (US)

CASE NUMBER	PATENT NUMBER	TITLE
A-024(A-025RE)	4981534	Occupant Restraint System and Composition Useful Therein
A-049C	5763821	Autoignition Propellant Containing Superfine Iron Oxide
A-075A	5747730	Pyrotechnic Method of Generating a Particulate-Free, Non-Toxic Odorless and Colorless Gas
A-076A	5726382	Eutectic Mixtures of Ammonium Nitrate and Amino Guanidine Nitrate



CASE NUMBER	PATENT NUMBER	TITLE
A-076B	5850053	Eutectic Mixtures of Ammonium Nitrate, Guanidine Nitrate and Potassium Perchlorate
A-076AD1	6073438	Preparation of Eutectic Mixtures of Ammonium Nitrate and Amino Guanidine Nitrate
A-076D	5854442	Gas Generator Compositions
A-076E	5997666	GN, AGN an KP Gas Generator Composition
A-097	6062142	Autoignition System For Inflator Devices With Separator That Melts
A-098	5936195	Gas Generating Composition With Exploded Aluminum Powder
A-110	6156230	Metal Oxide Containing Gas Generating Composition
A-110A	6274064	Metal Oxide Containing Gas Generating Composition
A-114	6093269	Pyrotechnic Gas Generant Composition Including High Oxygen Balance Fuel
A-115	6045638	Monopropellant and Propellant Compositions Including Mono and Polyamino guanidine Dinitrate
A-119	6136113	Gas Generating Composition
A-119B	6340401	Gas Generating Composition
A-326	6277221	Propellant Compositions With Salts and Complexes of Lanthanide and Rare Earth Elements
A-329	6017404	Nonazide Ammonium Nitrate Based Gas Generant Compositions That Burn At Ambient Pressure
A-393	6143101	Chlorate-Free Autoignition Compositions and Methods
A-394A	6361631	Liquid Monopropellants For Passive Vehicle Occupant Restraint Systems

CASE NUMBER	PATENT NUMBER	TITLE
A-402	6334961	Low Ash Gas Generant and Ignition Compositions For Vehicle Occupant Passive Restraint Systems
AA-252	6156137	Gas Generative Compositions
AA-212	6673172	Gas Generant Compositions Exhibiting Low Autoignition Temperatures and Methods of Generating Gases Therefrom

ATLANTIC RESEARCH CORPORATION - AIRBAG PROPELLANT PATENTS AND APPLICATIONS (FOREIGN)

<b>CASE NUMBER</b>	<b>COUNTRY</b>	<b>PATENT/APPLN. I. NUMBER</b>	<b>TITLE</b>
A-024	Italy	445474	Occupant Restraint System and Composition Useful Therein
A-049	EPC (IT)	595668	Two-Part Igniter For Gas Generating Compositions
	Japan	266200/1993	
	Korea	243443	
A-049C	Korea	516926	Autoignition Propellant Containing Superfine Iron Oxide
	EPC (IT)	938422	
A-075	Korea	257145	Pyrotechnic Method of Generating a Particulate-Free, Non-Toxic Odorless and Colorless Gas
A-075A	Japan	10-500594	Pyrotechnic Method of Generating a Particulate-Free, Non-Toxic Odorless and Colorless Gas
	Korea	445302	
A-076A	Korea	456821	Eutectic Mixtures of Ammonium Nitrate and Amino Guanidine Nitrate
A-076B	Korea	456135	Eutectic Mixtures of Ammonium Nitrate and Amino Guanidine Nitrate
A-079	EPC (IT)	96929767.0	Quick Cure Hydroxyl-Terminated Binder System For Gas Generating Compositions
A-110	Mexico	219295	Metal Oxide Containing Gas Generating Composition

<b>CASE NUMBER</b>	<b>COUNTRY</b>	<b>PATENT/APPLN. I. NUMBER</b>	<b>TITLE</b>
A-024	Italy	445474	Occupant Restraint System and Composition Useful Therein
	Japan	2000-563598	

A-114A	Japan	2000-556939	Pyrotechnic Gas Generant Composition Including High Oxygen Balance Fuel
	Korea	656304	
A-119	EPC (DE, FR, IT)	1121335	Gas Generating Composition
	Japan	2000-563496	
	Korea	2001-7001611	
	Mexico	232191	
A-329	Japan	2000-590966	Nonazide Ammonium Nitrate Based Gas Generant Compositions That Burn At Ambient Pressure
	Korea	2001-7008111	
	Mexico	226724	
A-394	Canada	2362800	Liquid Monopropellants For Passive Vehicle Occupant Restraint Systems
	Japan	2001-546605	
A-402	PCT	PCT/US00/30630	Low Ash Gas Generant and Ignition Compositions For Vehicle Occupant Passive Restraint Systems
	EPC	977037.1	
	Japan	2001-536488	
	Korea	2002-7005948	
	Mexico	231056	

CASCO - PATENTS (US)

<u>Casco No.</u>	<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor(s)</u>	<u>Title</u>
CA-1642	4803320	2/7/1989	P.J. Lupoli D.J. Mattis	ELECTRIC SWITCH CONSTRUCTION
C-1658	5044993	9/3/1991	A. El-Haj D.J. Mattis M. Micalhel	POWER OUTLET FOR ELECTRICAL ACCESSORIES APPARATUS AND METHOD FOR MONITORING LIQUID LEVELS
CA-1666	4859987	8/22/1989	J.A. Markus	HIGH-CURRENT ELECTRICAL ACCESSORY PLUG
CA-1766	5131870	7/21/1992	A. El-Haj A. El-Haj L. Toth K. Kellemen	LIQUID LEVEL MONITOR
CA-1804	5279157	1/18/1994	B.G. Mullins A. El-Haj F. Marshall	ELECTRIC POWER OUTLET CONNECTOR RECEPTACLE CONSTRUCTION FOR ELECTRIC CIGAR LIGHTERS
CA-1805	5224879	7/6/1993	D.J. Mattis	CONNECTOR RECEPTACLE CONSTRUCTION FOR ELECTRIC CIGAR LIGHTERS
CA-1855	5403996	4/4/1995	D.J. Mattis A. El-Haj	CONNECTOR RECEPTACLE CONSTRUCTION FOR ELECTRIC CIGAR LIGHTERS
CA-1855D	5796073	8/18/1998	A. El-Haj	ELECTRIC CIGAR LIGHTER HAVING COMBINED ASSEMBLER AND CONNECTOR PLUG AT ITS REAR
CA-1869	5493098	2/20/1996	P. Diederich	LIQUID LEVEL SENSOR FOR USE IN A HOT, PRESSURIZED LIQUID
CA-1870	5804831	9/8/1998	D. Romatnick	METHOD OF TREATING A SUBSTRATE TO PROMOTE SHEDDING OF OIL THEREFROM
CA-1871	5928729	7/27/1999	R. Derosa	LIQUID LEVEL GAUGE
CA-2038	5889284	3/30/1999	D.J. Mattis	CIGAR LIGHTER WITH PTC THERMAL PROTECTION
CA-2055	6051814	4/18/2000	A. El-Haj D. J. Mattis	ELECTRICAL ACCESSORY FOR VEHICLES AND THE

CA-2112	5998763	12/7/1999	A. El-Haj	LIKE
CA-2113	6508114	1/21/2003	R. Lawson	WEBBING TENSION SENSOR
CA-2114	6495775	12/17/2002	R. Lawson A. El-Haj	POWER SOCKET DEVICE WITH ENABLING SWITCH AND METHOD OF OPERATION
CA-2115	6740850	5/25/2004	D.J. Mattis	ELECTRIC CIGAR LIGHTER ASSEMBLY
CA-2116	6984141	1/10/2006	R. Beski T. Jacques	POWER SOCKET DEVICE WITH ENABLING SWITCH A DOUBLE-DISK ASSEMBLY FOR A CIGAR OR CIGARETTE LIGHTER
CA-2124	7060938	2/25/2005	R. Lauer R. Beski S. Verellen T. Belanger, Jr.	RADIAL TRAVEL LIMITER FOR LIGHTER SOCKET LANCES (JOINT FORD/CASCO)
CA-2127	7121897	10/17/2006	C. Croce	ELECTRIC CONTACT HOLDER BASE
CI-001	5116233	5/26/1992	C. Croce	THERMIC PROTECTION DEVICE FOR VEHICLE LIGHTERS
CI-002	5227945	7/13/1993	C. Croce	HOT BOWL FOR CIGARETTE LIGHTERS, HAVING A BENT LUG FOR SECURING AND END OF A SPIRAL WOUND ELECTRIC HEATING ELEMENT
CI-003	5506388	4/9/1996	F. Martina M. Chiasson E. Davidson J. Lacoursiere S. Thibault T. Petra	SUNLOAD SENSOR FOR AUTOMOBILE VEHICLES
SI-01	6888120	5/3/2005	F. Rohrbacher M. Chiasson M. Lacroix	CADMIUM SULFOSELENIDE SURFACE-MOUNTABLE OPTOCOUPLER
SI-02	6870176	3/22/2005		

CASCO - PENDING PATENTS APPLICATIONS (US)

<u>Casco No.</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Inventor(s)</u>	<u>Title</u>
CA-2116	PCT/US06/00067	1/3/2006	A. Beski T. Jaques	POWER SOCKET DEVICE WITH ENABLING SWITCH A DOUBLE-DISK ASSEMBLY FOR A CIGAR OR CIGARETTE LIGHTER
CA-2124	PCT/US06/00051	1/3/2006	R. Lauer	
CA-2126	DE 102005004724.6 PCT/EP2005/013190 US 11/815061	2/2/2005 12/9/2005 12/9/2005	A. Baldauf R. Schwarzbach N. Graeser "	NEW CIGAR LIGHTER ASSEMBLY SYSTEM "
CA-2127	PCT/US06/07423	3/2/2006	R. Beski S. Verellen T. Belanger, Jr.	RADIAL TRAVEL LIMITER FOR LIGHTER SOCKET LANCES (JOINT FORD/CASCO)
CA-2128	11/674311	2/13/2007	S. Verellen	USB FOR VEHICLE APPLICATION (JOINT FORD/CASCO)



CASCO PATENTS (FOREIGN)

Country	Pat or Appln	Start Year	Case
Canada	0002140820	1995	CA-1855
Canada	0001285593	1991	CA-1581
Canada	0001332792	1994	CA-1635
Germany	P3918728.4	1989	CA-1635
Japan	0001931315	1994	CA-1635
Canada	0002049888	1991	CA-1658
Germany	P4121591.5	1991	CA-1658
Great Britain	0002250145	1991	CA-1658
CAND20	020/1286-4	1992	CA1766
Germany	P4220764.9	1992	CA1766
Great Britain	0002259195	1992	CA1766
Canada	0002100603	1993	CA1804
Germany	P4318030.2	1993	CA1804
Great Britain	0002269455	1993	CA1804
Japan	0003285669	2002	CA1804
Canada	0002105892	1993	CA1805
Germany	P4329757.9	1993	CA1805
Great Britain	0002272116	1993	CA1805
Germany	19505540.3	1995	CA1855
Great Britain	0002286878	1995	CA1855
Great Britain	0002318407	1995	CA1855

Country	Pat or Appln	Start Year	Case
Austria	0000782684	1995	CA1869
Belgium	0000782684	1995	CA1869
Canada	0002195332	1995	CA1869
France	0000782684	1995	CA1869
German	0000782684	1995	CA1869
Great Britain	0000782684	1995	CA1869
Holland	0000782684	2002	CA1869
Spain	0000782684	1995	CA1869
Argentina	0000015660	1998	CA1870
Brazil	09808809-2	1998	CA1870
CAND20	0002289035	1998	CA1870
France	0000981730	1998	CA1870
Germany	69818662.1	1998	CA1870
Great Britain	0000981730	1998	CA1870
Brazil	*P98139100	1998	CA1871
CAND17	0002308468	1998	CA1871
China	98810944.1	1998	CA1871
France	0001035926	1998	CA1871
German	69832094.8	1998	CA1871
Great Britain	0001035926	1998	CA1871
Brazil	*P98139290	1998	CA2038
CAND17	0002309101	1998	CA2038
China	98810906.9	1998	CA2038
Epo	98941084.0	1998	CA2038
Brazil	09912264-2	1999	CA2055

Country	Pat or Appln	Start Year	Case
CAND17	0002336792	1999	CA2055
Epo	99923099.8	1999	CA2055
Brazil	P9916599-6	1999	CA2112
CAND17	0002348466	1999	CA2112
Epo	99949840.5	1999	CA2112
Brazil	*0115891-0	2001	CA2113
CAND17	*002430509	2001	CA2113
Cuba	*0121/2003	2001	CA2113
Epo	01962239.8	2001	CA2113
Brazil	*0116878-9	2001	CA2114
Canada	0002438179	2001	CA2114
Cuba	*2003-0180	2001	CA2114
Epo	01273735.9	2001	CA2114
Brazil	*0308672-0	2003	CA2115
CAND17	0002481882	2003	CA2115
Cuba	*0235/2004	2003	CA2115
Epo	03709110.5	2003	CA2115
Austria	0000436865	1992	CI-0001
Belgium	0000436865	1990	CI-0001
Canada	0002033684	1991	CI-0001
Denmark	0000436865	1990	CI-0001
France	0000436865	1990	CI-0001
Germany	69020126.5	1990	CI-0001
Greece	0000436865	1990	CI-0001
Great Britain	0000436865	1990	CI-0001

Country	Pat or Appln	Start Year	Case
Holland	0000436865	1995	CI-0001
Japan	0003068218	2000	CI-0001
Spain	0000436865	1990	CI-0001
Sweden	0000436865	1990	CI-0001
Switzerland	0000436865	1990	CI-0001
Austria	0000492042	1993	CI-002
Belgium	0000492042	1991	CI-002
Canada	0002045912	1991	CI-002
Denmark	0000492042	1991	CI-002
France	0000492042	1991	CI-002
Germany	0000492042	1991	CI-002
Greece	0000492042	1991	CI-002
Great Britain	0000492042	1991	CI-002
Holland	0000492042	1991	CI-002
Spain	0000492042	1991	CI-002
Sweden	0000492042	1991	CI-002
Switzerland	0000492042	1991	CI-002
Brasil	0009304389	1993	CI-003
France	0000596227	1993	CI-003
Germany	0000596227	1993	CI-003
Great Britain	0000596227	1993	CI-003
Holland	0000596227	1993	CI-003
Portugal	0000596227	1993	CI-003
Spain	0000596227	1993	CI-003
Sweden	0000596227	1993	CI-003
France	0000678419	1995	CI-004
Germany	69512454.4	1995	CI-004

Country	Pat or Appln	Start Year	Case
Great Britain	0000678419	1995	CI-004

**CUK Patents/Applications  
Jointly Owned With Rolls-Royce**

Case	Country	Patent/Appln No.	Filed/Issued	Title	
CUK-040	United Kingdom	9615474.5	07/23/96	Platinum Aluminising Single Crystal Superalloys	
	EPC	821076	11/28/01		
	Israel	121313	6/20/01		
	Japan	3996978	8/10/07		
	U.S.	6080246	6/27/00		
CUK-045	United Kingdom	9426257.3	12/24/94	Thermal Barrier Coating For A Superalloy Article And Method Of Application MCrAlY/Pt Bond Coat	
	Japan	337163/95	12/25/95		
	Norway	P955187	12/20/95		
	Ukraine	95125449			
	Canada	2165932	12/21/95		
	Australia	695086	11/19/98		
	EPC	718419			
	U.S.	5645893	07/08/97		
	U.S.	08/608,502	02/28/96		Superalloy Article With A Thermal Barrier Coating
	U.S.	5763107	6/9/98		Thermal Barrier Coating For A Superalloy Article and Method of Application
CUK-045-2	U.S.	5846605	12/8/98	A Coated Article	

<u>Case</u>	<u>Country</u>	<u>Patent/Appln No.</u>	<u>Filed/Issued</u>	<u>Title</u>
CUK-048	United Kingdom	9516422.4	08/10/95	Pt Plating And Heat
	Australia	695087	11/19/98	Treating Substrate A
	Canada	2165641	12/19/95	Method Of Applying A
	Japan	337424/95	12/25/95	Thermal Barrier Coating To
	Norway	314044	1/20/03	A Superalloy Article And A
	Ukraine	35620	1/20/03	Thermal Barrier Coating
	Belgium	718420		- Pt Plating Substrate
	Italy	718420		
	Sweden	718420		
	Switzerland	718420		
	Holland	718420		
	Germany	718420		
	France	718420		
U.S.	5667663	09/16/97		
CUK-048 DIV	U.S.	5981091	11/9/99	A Method Of Applying A Thermal Barrier Coating To A Superalloy Article And A Thermal Barrier Coating
	U.S.	5981091	11/9/99	A Method Of Applying A Thermal Barrier Coating To A Superalloy Article And A Thermal Barrier Coating
CUK-055	United Kingdom	9612811.1	06/19/96	A Thermal Barrier Coating For A Superalloy Article And A Method of Application Thereof
	Russia	2127772	3/20/99	
	Ukraine	39220	6/15/01	
	Japan	3919133	2/23/07	
	Australia	709144	12/2/99	- Pt/MCrAlY/Pt Bond Coat
	Canada	2208389	7/13/04	

<u>Case</u>	<u>Country</u>	<u>Patent/Appln No.</u>	<u>Filed/Issued</u>	<u>Title</u>
CUK-057	Israel	121055	6/11/02	
	EPC	97303840.9	6/5/97	
	U.S.	5942337	08/24/99	
CUK-057 DIV	United Kingdom	9624986.7	11/30/96	A Thermal Barrier Coating
	Italy	845547	3/27/02	For A Superalloy
	France	845547	3/27/02	Article And A Method Of
	Germany	845547	3/27/02	Application Thereof
	Japan	3905964	1/19/07	- CrC In NiCr/MCrAlY
	Ukraine	44776	3/15/02	Bond Coat
	U.S.	08/971726	11/17/97	
CUK-061	United Kingdom	9800511.9	01/13/98	A Thermal Barrier Coating For A
	U.S.	6183884	2/6/01	Superalloy Article and a Method Of
	EPC	98310266.6		Application Thereof
CUK-062	Israel	127829	11/27/01	
	Belgium	964077	6/25/03	
	France	964077	6/25/03	
	United Kingdom	964077	6/25/03	
	Italy	964077	6/25/03	
	Germany	69909022	7/31/03	
	Netherlands	964077	6/25/03	
CUK-061	Israel	130141	6/1/01	
	U.S.	6221512	4/24/01	





CLIENT	0022	CASE	COT038	** INVENTORY 157	BY CASE	COUNTRY	(COT5A)	**	PAGE	9					
COUNTRY	* APPLN	P	START	YEAR	ANN.	DATE	DUE	EXP.	T.H.	AGT.	PROD	DIV	CASE	MISC.	PATENTEE NAME
JAPAN	0003925661	0738	2007	02.04	2010	MAR	09	2015	0008						CHROMALLOY GA
TOTAL FOR	COT038	1													
ISRAEL	0000121313	0218	1997	00012	2008	JUL	14	2017	0008						CHROMALLOY GA
TOTAL FOR	COT040	1													
ASTRAL	0000735670	0228	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
CAN017	*0022274826	0728	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
CHINA	97180398.6	0028	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
CZECH	00000294381	0428	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
FRANCE	0000944767	0448	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
GERMAN	697228898.6	0448	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
GRIEAT	0000944767	0428	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
ISRAEL	0000130331	0318	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
KOREAS	0000510898	0618	2005	10.04	2008	AUG	19	2017	0008						CHROMALLOY GA
MEXICO	0000214573	0438	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
NEZLIN	0000338844	0138	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
RUSSTA	0002217617	0428	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
SNGFOR	0000045822	0218	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
TURKEY	1999.01212	0028	1997	00012	2008	DEC	05	2017	0008						CHROMALLOY GA
TOTAL FOR	COT050	14													
ASTRAL	0000741526	0118	1998	00011	2008	SEP	23	2018	0008						CHROMALLOY GA
CAN017	0002306781	0048	1998	00011	2008	SEP	23	2018	0008						CHROMALLOY GA
CHINA*	98810895.X	0048	1998	00011	2008	SEP	23	2018	0008						CHROMALLOY GA
EPD	98953184.3	0048	1998	00011	2008	SEP	23	2018	0008						CHROMALLOY GA
KOREAS	10-0582432	0718	2006	10.04	2009	MAY	26	2018	0008						CHROMALLOY GA
NORWAY	0000321452	0648	1998	00011	2008	SEP	23	2018	0008						CHROMALLOY GA
SNGFOR	0000073033	0048	1998	00011	2008	SEP	23	2018	0008						CHROMALLOY GA
TOTAL FOR	COT058	7													
CAN017	*002294261	0038	1998	00011	2008	MAY	08	2018	0008						CHROMALLOY GA
CHINA	98806861.3	0418	1998	00011	2008	MAY	08	2018	0008						CHROMALLOY GA
GERMAN	65829488.2	0638	1998	00011	2008	MAY	08	2018	0008						CHROMALLOY GA
GRIEAT	0001017510	0538	1998	00011	2008	MAY	08	2018	0008						CHROMALLOY GA
KOREAS	0000556273	0638	2006	10.04	2009	FEB	22	2018	0008						CHROMALLOY GA
TOTAL FOR	COT059	5													
CANADA	0002317601	0138	2000	00009	2008	NOV	03	2020	0008						CHROMALLOY GA
CHINA	98813113.7	0428	1998	00011	2008	NOV	03	2018	0008						CHROMALLOY GA
ISRAEL	0000137252	0118	1998	00011	2008	NOV	03	2018	0008						CHROMALLOY GA
KOREAS	10-0582128	0638	2006	10.04	2009	FEB	17	2018	0008						CHROMALLOY GA
NORWAY	0000319668	0418	1998	00011	2008	NOV	03	2018	0008						CHROMALLOY GA
SNGFOR	74241	0118	1998	00011	2008	NOV	03	2018	0008						CHROMALLOY GA
TOTAL FOR	COT060	6													

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COUNTRY	* APPLN	PAT. OR	F	STARI	ANN.	DATE DUE	YEAR	T.H.	AGT.	PROD	DIV	CASE	MISC.	PATENTEE NAME
BRA/IL	*9913669-4			1999	00010	2008	JUL 26	2019	0008			CGT	CGT069	CHROMALLOY GA
CAND17	*0023426-39			1999	00010	2008	JUL 26	2019	0008			CGT	CGT069	CHROMALLOY GA
EPD	99987038-3			1999	00010	2008	JUL 26	2019	0008			CGT	CGT069	CHROMALLOY GA
KORFAS	10-0593953			2006	10-04	2009	JUL 26	2019	0008			CGT	CGT069	CHROMALLOY GA
SN6TOR	0000079580			1999	00010	2008	JUL 26	2019	0008			CGT	CGT069	CHROMALLOY GA
TOTAL FOR	CGT069													
BNA/IL	P9916898-7			1999	00010	2008	DEC 10	2019	0008			CGT	CGT073	CHROMALLOY GA
CAND17	0002359342			1999	00010	2008	DEC 10	2019	0008			CGT	CGT073	CHROMALLOY GA
EPD	99987257-5			1999	00010	2008	DEC 10	2019	0008			CGT	CGT073	CHROMALLOY GA
MEXICD	0000219187			2006	10-14	2009	DEC 10	2020	0008			CGT	CGT073	CHROMALLOY GA
SN6TOR	0000982211			1999	00010	2008	DEC 10	2019	0008			CGT	CGT073	CHROMALLOY GA
TOTAL FOR	CGT073												6-10P004 2001042001	CHROMALLOY GA
CHINA*	99815906-9			1999	00010	2008	DEC 03	2019	0008			CGT	CGT077	CHROMALLOY GA
TOTAL FOR	CGT077													
BRASIL	P1000864185			2000	00009	2008	JAN 04	2020	0008			CGT	CGT078	CHROMALLOY GA
CAND17	0002563709			2000	00009	2008	JAN 04	2020	0008			CGT	CGT078	CHROMALLOY GA
SN6TOR	0000838065			2000	00009	2008	JAN 04	2020	0008			CGT	CGT078	CHROMALLOY GA
TOTAL FOR	CGT078												2001051333	CHROMALLOY GA
CAND35	0002379254			2000	00009	2008	AUG 04	2020	0008			CGT	CGT079	CHROMALLOY GA
EPD	00959175-9			2000	00009	2008	AUG 04	2020	0008			CGT	CGT079	CHROMALLOY GA
MEXICD	0000242817			2000	00012	2011	AUG 04	2020	0008			CGT	CGT079	CHROMALLOY GA
TOTAL FOR	CGT079													
BELGIUM	0001212167			2000	00009	2008	AUG 04	2020	0008			CGT	CGT081	CHROMALLOY GA
CANADA	0002383404			2000	00009	2008	AUG 04	2020	0008			CGT	CGT081	CHROMALLOY GA
FRANCE	0001212167			2000	00009	2008	AUG 04	2020	0008			CGT	CGT081	CHROMALLOY GA
GERMAN	60010288-2			2000	00009	2008	AUG 04	2020	0008			CGT	CGT081	CHROMALLOY GA
GRTARI	0001212167			2000	00009	2008	AUG 04	2020	0008			CGT	CGT081	CHROMALLOY GA
IRELND	0001212167			2000	00009	2008	AUG 04	2020	0008			CGT	CGT081	CHROMALLOY GA
JREND	0001212167			2000	00009	2008	AUG 04	2020	0008			CGT	CGT081	CHROMALLOY GA
MEXICD	0000231804			2000	11-15	2010	AUG 04	2020	0008			CGT	CGT081	CHROMALLOY GA
TOTAL FOR	CGT081													
BRA/IL	P101086812			2001	00008	2008	FEB 21	2021	0008			CGT	CGT082	CHROMALLOY GA
CAND35	*002399210			2001	00008	2008	FEB 21	2021	0008			CGT	CGT082	CHROMALLOY GA
CHINA	01806716-6			2001	00008	2008	FEB 21	2021	0008			CGT	CGT082	CHROMALLOY GA
EPD	01944537-3			2001	00008	2008	FEB 21	2021	0008			CGT	CGT082	CHROMALLOY GA
RUSSIA	0002265505			2001	00008	2008	FEB 21	2021	0008			CGT	CGT082	CHROMALLOY GA
SN6TOR	000091476			2001	00008	2008	FEB 21	2021	0008			CGT	CGT082	CHROMALLOY GA
TOTAL FOR	CGT082												200205283-7	CHROMALLOY GA

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NADA	0002381430	073B	2000	00009	2003	AUG	04	2020	0008	CGT	C01093	CHROMALLOY GA
ANDE	0001214172	043B	2000	00009	2003	AUG	04	2020	0008	CGT	C01083	CHROMALLOY GA
KHAN	60007335.1	042B	2000	00009	2003	AUG	04	2020	0008	CGT	C01083	CHROMALLOY GA
TBRT	0001214172	042B	2000	00009	2003	AUG	04	2020	0008	CGT	C01093	CHROMALLOY GA
TAL	FDR C01093											
NADA	0002445409	071B	2002	00007	2003	FEB	12	2022	0008	CGT	C01084	CHROMALLOY GA
0	02721107.7	041B	2002	00007	2003	FEB	12	2022	0008	CGT	C01084	CHROMALLOY GA
XICU	0000241431	072B	2002	10-14	2011	FEB	01	2022	0008	CGT	C01084	CHROMALLOY GA
TAL	FDR C01084											
NADA	0002436912	074B	2001	00008	2003	SEP	11	2021	0008	CGT	C01097	CHROMALLOY GA
0	01988954.5	031B	2001	00008	2003	SEP	11	2021	0008	CGT	C01097	CHROMALLOY GA
TAL	FDR C01097											
TAL	2002254395	041B	2002	00007	2003	MAR	12	2022	0008	CGT	C01100	CHROMALLOY GA
NO35	0002446771	042B	2002	00007	2003	MAR	12	2022	0008	CGT	C01100	CHROMALLOY GA
0	02723583.7	041B	2002	00007	2003	MAR	12	2022	0008	CGT	C01100	CHROMALLOY GA
RAEL	0000158510	072B	2002	00007	2003	MAR	12	2022	0008	CGT	C01100	CHROMALLOY GA
RMAY	*2003-5427	042B	2002	00007	2003	MAR	12	2022	0008	CGT	C01100	CHROMALLOY GA
SSIA	0002392425	073B	2002	00007	2003	MAR	12	2022	0008	CGT	C01100	CHROMALLOY GA
KRNE	0000072473	071B	2002	00007	2003	MAR	12	2022	0008	CGT	C01100	CHROMALLOY GA
TAL	FDR C01100											
NI35	0002442944	044B	2002	00007	2003	APR	10	2022	0008	CGT	C01102	CHROMALLOY GA
INA	02824556.3	044B	2002	00007	2003	APR	10	2022	0008	CGT	C01102	CHROMALLOY GA
0	02800818.3	043B	2002	00007	2003	APR	10	2022	0008	CGT	C01102	CHROMALLOY GA
TAL	FDR C01102											
0	03916100.6	062B	2003	00006	2003	DEC	03	2023	0008	CGT	C01109	CHROMALLOY GA
TAL	FDR C01109											
0	03785768.3	061B	2003	00006	2003	SEP	03	2023	0008	CGT	C01111	CHROMALLOY GA
TAL	FDR C01111											
NO35	0002549091	071B	2005	00004	2003	JAN	11	2025	0008	CGT	C01121(CIP)	CHROMALLOY GA
TAL	FDR C01121(CIP)											
INA*	200580002273.1	072B	2005	00004	2003	JAN	11	2025	0008	CGT	C01121(CIP)	CHROMALLOY GA
TAL	FDR C01121(CIP)											
0	04822125.3	071B	2004	00006	2003	DEC	08	2024	0008	CGT	C01121	CHROMALLOY GA
TAL	FDR C01121											

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COUNTRY \* PAT. OR P START ANN. DATE DUE YEAR I.H. AGT.FROU DIV CASE PATENTEE NAME

PO 05779119.6 0648 2005 00004 2008 JAN 11 2024 0008 CGT CGT121(CIP) CHROMALLOY GA

STRIA 0000785837 0228 1994 00015 2008 AUG 31 2014 0008 CGT CHZ033 CHROMALLOY GA

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TALY 0000785837 0448 2004 23705 2008 JUL 09 2014 0008 CGT CHZ033 CHROMALLOY GA

APRN 0003572054 0428 1994 00015 2008 AUG 31 2014 0008 CGT CHZ033 CHROMALLOY GA

UKREG 0000785837 0948 1994 14-20 2009 SEP 01 2014 0008 CGT CHZ033 CHROMALLOY GA

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RTJGL 0000785837 0228 1994 00015 2008 AUG 31 2014 0008 CGT CHZ033 CHROMALLOY GA

CUSTOM 0022

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COUNTRY	* APPLN	PAT. OR	C	START	ANN.	DATE	DUE	YEAR	I.H.	AGI.FKDU	DIV	CASE	MISC.	PATENTEE NAME
LIANEU	0000843026		0148	1997	00012	2008	OCT 14	2017	0008			CHZ052		CHRONALLOY GA
MAICD	0000214443		0348	1997	12-16	2008	OCT 15	2017	0008			CHZ052		CHRONALLOY GA
MINACD	0000843026		0148	1997	00012	2008	OCT 14	2017	0008			CHZ052		CHRONALLOY GA
PRUGL	0000843026		0148	1997	00012	2008	OCT 14	2017	0008			CHZ052		CHRONALLOY GA
SRATN	0000843026		0148	1997	00012	2008	OCT 14	2017	0008			CHZ052		CHRONALLOY GA
SWEDEN	97117725.8		0148	1997	00012	2008	OCT 14	2017	0008			CHZ052		CHRONALLOY GA
SWITZL	0000843026		0148	1997	00012	2008	OCT 14	2017	0008			CHZ052		CHRONALLOY GA
TOTAL	FKD CHZ052		20											

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COUNTRY	* PAT. OR	P	START YEAR	ANN.	DATE	DUE	EXP	T.H.	AGT.	PROD	DTU	CASE	MISC.	PATENTEL NAME
JAPAN	0003905964		0728	2007	02.04	2010	JAN 19	2017	018			CUK	CUK-057	**** PATENTEE
TOTAL	FDR CUK-057		1									CUK	CUK-062	CHROMALLOYUKL
ISRAEL	0000130141		0648	1999	00010	2008	MAY 26	2019	018			CUK	CUK-062	CHROMALLOYUKL
TOTAL	FDR CUK-062		1									CUK	CUK-062	CHROMALLOYUKL
BLGDM	0000718420		9948	1995	00014	2008	DEC 19	2015	018			CGT	CUK048	CHROMALLOYUKL
HULLAND	0000718420		9948	2002	00007	2008	DEC 19	2015	018			CGT	CUK048	CHROMALLOYUKL
ITALY	0000718420		9948	1995	00014	2008	DEC 19	2015	018			CGT	CUK048	CHROMALLOYUKL
SMEFEN	0000718420		9948	1995	00014	2008	DEC 19	2015	018			CGT	CUK048	CHROMALLOYUKL
SMITZL	0000718420		9948	1995	00014	2008	DEC 19	2015	018			CGT	CUK048	CHROMALLOYUKL
TOTAL	FDR CUK048		5									CGT	CUK048	CHROMALLOYUKL
ASTRAL	0000709144		0028	1997	00012	2008	JUN 12	2017	016			CGT	CUK055	CHROMALLOY UK
CANADA	0002208389		9818	1997	00012	2008	JUN 19	2017	008			CGT	CUK055	CHROMALLOY GA
ISRAEL	0000121065		0318	1997	00012	2008	JUN 10	2017	018			CGT	CUK055	CHROMALLOYUKL
JAPAN	0003919133		0738	2007	02.04	2010	FEB 23	2017	018			CGT	CUK055	CHROMALLOYUKL
RUSSIA	0002127772		9948	1997	00012	2008	JUN 18	2017	018			CGT	CUK055	CHROMALLOYUKL
UKRAINE	0000039220		0218	1997	00012	2008	JUN 18	2017	016			CGT	CUK055	CHROMALLOY UK
TOTAL	FDR CUK055		6									CGT	CUK055	CHROMALLOY UK
FRANCE	0000845547		0238	1997	00012	2008	NOV 28	2017	018			CGT	CUK057	CHROMALLOYUKL
GERMAN	69711335.3		0318	1997	00012	2008	NOV 28	2017	018			CGT	CUK057	CHROMALLOYUKL
ITALY	0000845547		0238	1997	00012	2008	NOV 28	2017	018			CGT	CUK057	CHROMALLOYUKL
UKRAINE	0000044776		0318	1997	00012	2008	NOV 28	2017	018			CGT	CUK057	CHROMALLOYUKL
TOTAL	FDR CUK057		4									CGT	CUK057	CHROMALLOYUKL



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COUNTRY	PAT. OR APPLN	P	START YEAR	ANN.	DATE	DUE	YEAR	T.H.	AGT.	PRD.	DIV.	CASE	MISC.	PATENTEE NAME
FRANCE	0001240820		1995	00014	2008	JAN 23	2016	0002				CA-1850		CASCO PRODUCT
TOTAL FOR CA-1850														
FRANCE	05717226.7		2006	00003	2008	JAN 03	2026	0002				CA-2124		CASCO PRODUCT
TOTAL FOR CA-2124														
ANGOLA	0001288593		1991	TERM	2008	JUL 02	2008	0002				CA1891		CASCO PRODUCT
TOTAL FOR CA1891														
ANGOLA	0001332792		1994	00018	2008	NOV 01	2011	0002				CA1635		CASCO PRODUCT
GERMANY	P3918728.4		1989	00020	2008	JUN 08	2009	0002				CA1635		CASCO PRODUCT
JAPAN	0001931315		1994	05.15	2008	AUG 10	2009	0002				CA1635		CASCO PRODUCT
TOTAL FOR CA1635														
ANGOLA	0002044888		1991	00018	2008	AUG 26	2011	0002				CA1658		CASCO PRODUCT
GERMANY	P4121591.5		1991	00018	2008	JUN 29	2011	0002				CA1658		CASCO PRODUCT
GERMANY	0002250145		1991	00018	2009	SEP 04	2011	0002				CA1658		CASCO PRODUCT
MEXICO	0000177718		1996	17-20	2011	APR 72	2011	0002				CA1658		CASCO PRODUCT
TOTAL FOR CA1658														



COUNTRY	PAT. OR * APPLN	F C	START YEAR ANN.	DATE DUE	EXP. YEAR	T.H.	AGT.	PRD.	DTU	CASE	MISC.	PATENTEE NAME	
CANADA	02071286-4		1992	00017	2008	JUN 15	2012	0002		MOF	CA	CA1766	CASCO PRODUCT
GERMANY	P4329757.9		1992	00017	2008	JUN 25	2012	0002			CA	CA1766	CASCO PRODUCT
FRANCE	0002289195		1992	00017	2008	JUN 01	2012	0002			CA	CA1766	CASCO PRODUCT
TOTAL FOR	CA1766												
CANADA	00021006003		0328	1993	00016	2008	JUL 15	2013	0002		CA	CA1804	CASCO PRODUCT
GERMANY	P4318030.2		0348	1993	00016	2008	MAY 29	2013	0002		CA	CA1804	CASCO PRODUCT
FRANCE	0002269465		0528	1993	00016	2008	JUN 09	2013	0002		CA	CA1804	CASCO PRODUCT
JAPAN	0003285669		0318	2002	24.07	2008	MAR 08	2013	0002		CA	CA1804	CASCO PRODUCT
MEXICO	0000184211		0748	1993	00020	2012	AUG 02	2013	0002		CA	CA1804	CASCO PRODUCT
TOTAL FOR	CA1804												
CANADA	0002105892		0448	1993	00016	2008	SEP 10	2013	0002		CA	CA1805	CASCO PRODUCT
GERMANY	P4329757.9		0428	1993	00016	2008	SEP 03	2013	0002		CA	CA1805	CASCO PRODUCT
FRANCE	0002272116		0528	1993	00016	2008	SEP 09	2013	0002		CA	CA1805	CASCO PRODUCT
MEXICO	0000183559		0738	1993	19-20	2011	SEP 30	2013	0002		CA	CA1805	CASCO PRODUCT
TOTAL FOR	CA1805												
GERMANY	19505540.3		0538	1995	00014	2008	FEB 18	2015	0002		CA	CA1855	CASCO PRODUCT
FRANCE	0002265878		0538	1995	00014	2008	JAN 26	2015	0002		CA	CA1855	CASCO PRODUCT
TOTAL FOR	CA1855												
GERMANY	0002318407		0848	1995	00014	2008	JAN 26	2015	0002		CA	CA1855D	CASCO PRODUCT
TOTAL FOR	CA1855D												
MEXICO	0000219227		0638	1995	15-19	2009	FEB 24	2015	0002		CA	CA1855	CASCO PRODUCT
TOTAL FOR	CA1855												
AUSTRIA	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
BLGIUM	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
CANADA	0002195332		0718	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
FRANCE	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
GERMANY	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
FRANCE	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
GERMANY	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
HOLLAND	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
ITALY	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
JAPAN	0003735118		0628	2005	02-04	2008	OCT 28	2015	0002		CA	CA1869	CASCO PRODUCT
MEXICO	0000202382		0348	1995	17-20	2014	DCT 70	2015	0002		CA	CA1869	CASCO PRODUCT
SPAIN	0000782684		0228	1995	00014	2008	JUL 05	2015	0002		CA	CA1869	CASCO PRODUCT
TOTAL FOR	CA1869												
ARGINA	0000015660		0548	1998	00011	2008	MAY 12	2018	0002		CA	CA1870	CASCO PRODUCT
BRAZIL	09808809-2		0038	1998	00011	2008	MAR 25	2018	0002		CA	CA1870	CASCO PRODUCT
CANADA	0002289035		0728	1998	00011	2008	MAR 25	2018	0002	MOF	CA	CA1870	CASCO PRODUCT
FRANCE	0000981730		0418	1998	00011	2008	MAR 25	2018	0002		CA	CA1870	CASCO PRODUCT
GERMANY	69818662-1		0418	1998	00011	2008	MAR 25	2018	0002		CA	CA1870	CASCO PRODUCT
FRANCE	0000981730		0418	1998	00011	2008	MAR 25	2018	0002		CA	CA1870	CASCO PRODUCT
ITALY	0000981730		0418	1998	00011	2008	MAR 25	2018	0002		CA	CA1870	CASCO PRODUCT
MEXICO	0000209910		0438	1998	15-19	2012	MAR 12	2018	0002		CA	CA1870	CASCO PRODUCT
TOTAL FOR	CA1870												

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COUNTRY	PAT. OR * APPLN	P C	START YEAR	ANN. DATE	DUE DATE	YEAR	T.H.	AGT.	PROG	DIV	CASE	MISC.	PATENTEE NAME
BRAZIL	P19813910-0		1998	00011	2008	AUG 27	2013	0002			CA	CA1871	CASCO PRODUCT
CANU17	0002308468		0048	1998	00011	2008	AUG 27	2018	0002		CA	CA1871	CASCO PRODUCT
CHINA	98810944.1		0618	1998	00011	2008	AUG 27	2018	0002		CA	CA1871	CASCO PRODUCT
FRANCE	0001035926		0628	1998	00011	2008	AUG 27	2018	0002		CA	CA1871	CASCO PRODUCT
GERMAN	69832094.8		0648	1998	00011	2008	AUG 27	2018	0002		CA	CA1871	CASCO PRODUCT
GRTERT	0001035926		0628	1998	00011	2008	AUG 27	2018	0002		CA	CA1871	CASCO PRODUCT
ITALY	0001035926		0628	1998	00011	2008	AUG 27	2018	0002		CA	CA1871	CASCO PRODUCT
MEXICO	0000227820		0548	1998	13-17	2010	MAY 05	2018	0001		CA	CA1871	SUN CHEMICAL
TOTAL FOR	CA1871												
BRAZIL	*P98139290		0118	1998	00011	2008	AUG 27	2013	0002		CA	CA2038	CASCO PRODUCT
CANU17	0002309101		0048	1998	00011	2008	AUG 27	2018	0002		CA	CA2038	CASCO PRODUCT
CHINA	98810906.0		0348	1998	00011	2008	AUG 27	2018	0002		CA	CA2038	CASCO PRODUCT
EPO	98941084.0		0048	1998	00011	2008	AUG 27	2018	0002		CA	CA2038	CASCO PRODUCT
MEXICO	0000229911		0448	1998	12-16	2009	AUG 27	2018	0002		CA	CA2038	CASCO PRODUCT
TOTAL FOR	CA2038												
BRAZIL	09912264-2		0138	1999	00010	2008	MAY 14	2019	0002		CA	CA2095	CASCO PRODUCT
CANU17	0002386792		0138	1999	00010	2008	MAY 14	2019	0002		CA	CA2095	CASCO PRODUCT
EPO	99923099.8		0138	1999	00010	2008	MAY 14	2019	0002		CA	CA2095	CASCO PRODUCT
MEXICO	0000233804		0638	1999	13-17	2011	MAY 14	2019	0002		CA	CA2095	CASCO PRODUCT
TOTAL FOR	CA2095												
BRAZIL	P9916599-6		0718	1999	00010	2008	SEP 24	2019	0002		CA	CA2112	CASCO PRODUCT
CANU17	0002348466		0148	1999	00010	2008	SEP 24	2019	0002		CA	CA2112	CASCO PRODUCT
EPO	99949840.5		0148	1999	00010	2008	SEP 24	2019	0002		CA	CA2112	CASCO PRODUCT
MEXICO	0000227806		0548	1999	10-14	2008	SEP 24	2019	0015		CA	CA2112	CASCO PRODUCT
TOTAL FOR	CA2112												
BRAZIL	*0115891-0		0348	2001	00008	2008	AUG 17	2021	0002		CA	CA2113	CASCO PRODUCT
CANU17	*002439509		0418	2001	00008	2008	AUG 17	2021	0002		CA	CA2113	CASCO PRODUCT
CUBA	0000023066		0418	2001	00008	2008	AUG 17	2021	0002		CA	CA2113	CASCO PRODUCT
EPO	01962239.8		0348	2001	00008	2008	AUG 17	2021	0002		CA	CA2113	CASCO PRODUCT
KORFAS	AK07007273		0348	2001	00008	2008	AUG 17	2021	0002		CA	CA2113	CASCO PRODUCT
MEXICO	0000238393		0718	2001	11-15	2011	AUG 17	2021	0015		CA	CA2113	CASCO PRODUCT
TOTAL FOR	CA2113												
BRAZIL	*0116878-9		0418	2001	00008	2008	NOV 15	2022	0015		CA	CA2114	CASCO PRODUCT
CANADA	0002438179		0418	2001	00008	2008	NOV 15	2022	0015	MCT	CA	CA2114	CASCO PRODUCT
CUBA	*2903-0180		0418	2001	00008	2008	NOV 15	2022	0015		CA	CA2114	CASCO PRODUCT
EPO	01273735.9		0418	2001	00008	2008	NOV 15	2022	0015		CA	CA2114	CASCO PRODUCT
KORFAS	10-0550307		0638	2006	10-04	2009	FEB 01	2021	0002		CA	CA2114	CASCO PRODUCT
MEXICO	0000239695		0718	2001	11-14	2011	NOV 15	2021	0002		CA	CA2114	CASCO PRODUCT
TOTAL FOR	CA2114												

CLIENT 0022 CASE CA2115

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COUNTRY	PAT. OR APPLN	P	START YEAR	ANN. DATE	DUE	EXP. YEAR	T.H.	AGT.	PRDD	DIV	CASE	MISC.	PATENTEE NAME
RA/IL	*0308672/0		0528	2003	00006	2008	FEB 14	2023	0002		CA	CA2115	CASCO PRODUCT
AM/17	*000248188/2		0528	2003	00006	2008	FEB 14	2023	0002		CA	CA2115	CASCO PRODUCT
USA	*0235/2004		0528	2003	00006	2008	FEB 14	2023	0002		CA	CA2115	CASCO PRODUCT
PD	03709110/5		0528	2003	00006	2008	FEB 14	2023	0002		CA	CA2115	CASCO PRODUCT
DTAL FOR	CA2115												
PD	07101881/6		0738	2003	00006	2008	FEB 14	2023	0002		CA	CA2115U	CASCO PRODUCT
DTAL FOR	CA2115D												

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\*\* INVENTORY 157 BY CASE COUNTRY

(C015A) \*\*

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PATENTEE NAME

COUNTRY * APLN	PAT. OR	C	START	ANN.	DATE	QUE	YEAR	T.H.	AGT.	PRDU	DIV	CASE	MISC.	PATENTEE NAME
FRANCE	0000678419		0028	1995	00014	2008	MAR 16	2015	0019	CA	CI-004			CASCO IMOS IT
GERMANY	69812484.4		0148	1995	00014	2008	MAR 16	2015	0019	CA	CI-004			CASCO IMOS IT
GERMANY	0000678419		0028	1995	00014	2008	MAR 16	2015	0019	CA	CI-004			CASCO IMOS IT
ITALY	0000678419		0028	1995	00014	2008	MAR 16	2015	0019	CA	CI-004			CASCO IMOS IT
ITALY	1094400212		9738	1994	00015	2008	MAR 23	2014	0015	CA	CI-004			CASCO IMOS BE
TOTAL FOR CI-004			5											
ITALY	0000227590		9938	1992	U0017	2008	JUL 09	2012	0015	CA	CI-005			CASCO IMOS BE
TOTAL FOR CI-005			1											
ITALY	0000227685		9938	1992	U0017	2008	NOV 20	2012	0015	CA	CI-006			CASCO IMOS BE
TOTAL FOR CI-006			1											
ITALY	0001272062		9938	1993	00016	2008	NOV 26	2013	0015	CA	CI-007			CASCO IMOS BE
TOTAL FOR CI-007			1											

CLIENT 0022 CASE CUK061

\*\* INVENTORY 157 BY CASE COUNTRY

(COT5A) \*\*

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COUNTRY \* PAT. OR P START YEAR ANN. DATE DUE

EXP. YEAR T.H. AGT. PROD DIV CASE

MISC.

PATENTEE NAME

CANU27 0002388082 063B 2002 00007 2008 MAY 29 2022 027 ROB SI SI-01  
 EPD 02291313.1 053B 2002 00007 2008 MAY 29 2022 027 CA SI-01  
 TOTAL FOR SI-01 2  
 TOTAL FOR 0022 415

\*\*\* PATENTEE  
SI ONEX INC

**TRADEMARKS**

AFTER SIX - TRADEMARKS (US REGISTRATIONS)

<u>MARK</u>	<u>REGISTRATION #</u>	<u>DATE</u>
AFTER SIX	2254455	6/15/99
AFTER SIX	362116	11/15/38
AFTER SIX	2086252	8/5/97
AFTER SIX	793331	7/27/65
AFTER SIX	821674	1/3/67
AFTER SIX	829816	6/6/67
AFTER SIX	907279	2/2/71
AFTER SIX	1603675	6/26/90
AFTER SIX	1685394	5/5/92
SEVEN UNLIMITED	3036851	12/27/05
7 UNLTD	3244791	5/22/07
BIEN VESTIDO BIEN RECIBIDO	2943409	4/26/05
RAFFINATI	1265061	1/24/81

AFTER SIX - TRADEMARKS (US APPLICATIONS)

<u>MARK</u>	<u>APPLICATION NO.</u>	<u>FILED</u>
SEVEN UNLIMITED	78/465442	8/11/04

SEVEN UNLIMITED	78/465406	8/11/04
7 UNLIMITED	78/464215	8/09/04
7 UNLIMITED	78/464245	8/09/04
7 UNLIMITED	78/464301	8/09/04

AFTER SIX - TRADEMARKS (FOREIGN REGISTRATIONS)

<u>MARK</u>	<u>COUNTRY</u>	<u>REGISTRATION #</u>	<u>DATE</u>
AFTER SIX	Canada	137400	9/25/64
AFTER SIX	Canada	406699	1/8/93
AFTER SIX	Canada	574127	1/21/03
AFTER SIX	Benelux	368160	2/7/90
AFTER SIX	France	1602763	7/17/90
AFTER SIX	Italy	405460	2/17/86
AFTER SIX	Mexico	283378	6/7/87
AFTER SIX	Mexico	755575	5/4/01
AFTER SIX	Venezuela	31.019-F	8/3/71
AFTER SIX	Switzerland	344980	2/23/86
AFTER SIX FORMALS	Canada	326063	4/10/87
AFTER SIX FORMALS & Design	Canada	331781	9/11/87
BY AFTER SIX	United Kingdom	962675	7/20/70
FFINATI INTERNATIONAL	Canada	427729	5/27/94

RAFFINATI

Germany

2031462

3/2/93

AFTER SIX TRADEMARKS - FOREIGN APPLICATIONS

<u>MARK</u>	<u>COUNTRY</u>	<u>APPLICATION #</u>	<u>FILED</u>
CLUBMAN-AN AMERICAN TRADITION	Mexico	165354	4/14/93



CHROMALLOY - TRADEMARKS (US and Foreign)

<u>Mark</u>	<u>Country</u>	<u>Reg. No./Appl. No.</u>	<u>Date</u>
CHROMALLOY	U.S.	1,524,839	2/14/89
CHROMALLOY	Benelux	449,781	5/26/88
CHROMALLOY	Egypt	72191	6/01/88
CHROMALLOY	Egypt	72192	6/01/88
CHROMALLOY	France	1,478,339	5/30/88
CHROMALLOY	U.K.	1,345,669	5/27/88
CHROMALLOY	U.K.	1,345,670	5/27/88
CHROMALLOY	Israel	69,991	3/17/93
CHROMALLOY	Israel	69,992	3/17/93
CHROMALLOY	Japan	2,250,411	7/30/90
CHROMALLOY	Mexico	355,184	6/06/88
CHROMALLOY	Mexico	362,958	6/06/88
CHROMALLOY	Venezuela	28,112-D	8/02/92
CHROMALLOY	Venezuela	148,370	8/02/92
CHROMALLOY AND LOGO	Benelux	359,660	8/16/79
CHROMALLOY & Logo	Benelux	450,467	5/26/88
CHROMALLOY & Logo	Egypt	72,193	6/01/88
CHROMALLOY & Logo	France	1,480,757	5/30/88
CHROMALLOY & Logo	Egypt	72,194	6/01/88
CHROMALLOY & Logo	U.K.	1,345,671	5/27/88
CHROMALLOY & Logo	U.K.	1,345,672	5/27/88
CHROMALLOY & Logo	Israel	69,993	3/17/93
CHROMALLOY & Logo	Israel	69,994	3/17/93
CHROMALLOY & LOGO	Mexico	356,614	6/06/88
CHROMALLOY & LOGO	Mexico	362,957	6/06/88
CHROMALLOY Logo	Venezuela	148,439-A	8/02/92
CHROMALLOY & Logo	Venezuela	28,113-D	8/02/92
CHROMALLOY (Globe Design)	U.S.	1,527,366	2/28/89

CHROMALLOY & Design	Japan	2,395,165	3/31/92
CHROMALLOY WORLD			
GLOBE DEVICE	Benelux	359,963	8/16/79
Chromalloy			
(Globe & Microscope)	U.K.	2,007,258	1/10/95
CGT DER (Design)	U.S.	2,563,399	4/23/02
PACIFIC GAS TURBINE			
CENTER and Design	U.S.	2,514,895	12/04/01
RT-21	U.S.	1,339,878	6/11/85
RT-22	U.S.	1,233,194	4/05/83
RT-22	Australia	B418500	11/21/84
RT-22	France	1,696,012	9/24/91
RT-22	Germany	39,516,899	3/15/96
RT-22	Japan	60-026316	3/14/85
RT-22	Korea	171,564	6/08/89
RT-44	U.S.	1,254,999	10/25/83
RT-44	Australia	B418499	11/21/84
RT-44	Japan	60-026317	3/14/85
TIGER(TSL)	U.S.	2,386,905	9/19/00
TIGER(TSL)	CTM	494,955	3/24/99
TIGER(TSL)	U.K.	2,110,728	9/21/06

SEQUA - TRADEMARKS

<u>Mark</u>	<u>Country</u>	<u>Reg. No./Appl. No.</u>	<u>Date</u>
SEQUA	Australia	A466,190	6/01/87
SEQUA	Australia	466,191	6/01/87
SEQUA	Australia	466,192	6/01/87
SEQUA	Australia	466,196	6/01/87
SEQUA	Australia	466,197	6/01/87
SEQUA	Australia	466,198	6/01/87
SEQUA	Australia	466,199	6/01/87
SEQUA	Austria	118,470	12/23/87
SEQUA	Benelux	433,410	4/13/88
SEQUA	Canada	584,273	5/20/87
SEQUA	Denmark	06,934 1990	10/26/90
SEQUA	Egypt	69480	12/16/90
SEQUA	Egypt	69481	5/23/87
SEQUA	Egypt	69482	5/23/87
SEQUA	Egypt	69483	5/23/87
SEQUA	Egypt	69484	5/23/87
SEQUA	Egypt	56485	5/23/87
SEQUA	Egypt	69486	5/23/87
SEQUA	Egypt	69487	5/23/87
SEQUA	Egypt	69488	5/23/87
SEQUA	Egypt	69489	5/23/87
SEQUA	France	1,427,541	5/22/87
SEQUA	Germany	2,098,001	8/03/95
SEQUA	Germany	S 44 837/1 Wz.	5/19/87
SEQUA	U.K.	1,309,796	12/27/89
SEQUA	U.K.	1,309,797	5/18/90
SEQUA	U.K.	1,309,798	5/18/90
SEQUA	U.K.	1,309,799	10/26/90

SEQUA	U.K.	1,309,800	5/18/90
SEQUA	U.K.	1,309,801	11/24/89
SEQUA	U.K.	1,309,803	7/13/90
SEQUA	U.K.	1,309,804	5/13/87
SEQUA	U.K.	1,309,805	5/13/87
SEQUA	Greece	86,291	7/31/87
SEQUA	Guatemala	69199	3/04/93
SEQUA	India	473,398	6/10/87
SEQUA	India	473,401	6/10/87
SEQUA	Ireland	127,343	6/05/87
SEQUA	Ireland	127,344	6/05/87
SEQUA	Ireland	127,345	6/05/87
SEQUA	Ireland	127,346	6/05/87
SEQUA	Ireland	127,347	6/05/87
SEQUA	Ireland	127,348	6/05/87
SEQUA	Ireland	127,349	6/05/87
SEQUA	Israel	66353	5/18/87
SEQUA	Israel	66354	5/18/87
SEQUA	Israel	66355	5/17/87
SEQUA	Israel	66356	5/18/87
SEQUA	Israel	66357	5/18/87
SEQUA	Israel	66358	5/18/87
SEQUA	Israel	66360	5/18/87
SEQUA	Israel	66361	5/18/87
SEQUA	Israel	66362	5/18/87
SEQUA	Italy	534,535	9/20/90
SEQUA	Japan	2,152,281	7/31/89
SEQUA	Japan	2,129,729	4/28/89
SEQUA	Japan	2,162,203	8/31/89
SEQUA	Japan	2,165,963	8/31/89
SEQUA	Japan	2,169,582	9/29/89
SEQUA	Korea	160,419	10/07/88
SEQUA	Korea	162,753	11/18/88

SEQUA	Korea	160,420	10/07/88
SEQUA	Korea	161,306	10/25/88
SEQUA	Korea	8411	9/08/88
SEQUA	Mexico	104,284	11/27/91
SEQUA	Mexico	410,332	4/06/92
SEQUA	Netherlands	699,604	6/01/87
SEQUA	Norway	139,784	12/28/89
SEQUA	South Africa	87/3709	5/25/87
SEQUA	South Africa	87/3710	5/25/87
SEQUA	South Africa	87/3711	5/25/87
SEQUA	South Africa	87/3712	5/30/90
SEQUA	South Africa	87/3713	5/30/90
SEQUA	South Africa	87/3714	5/30/90
SEQUA	South Africa	87/3715	5/30/90
SEQUA	South Africa	87/3716	5/30/90
SEQUA	South Africa	87/3717	5/30/90
SEQUA	South Africa	87/3718	5/30/90
SEQUA	Spain	2,153,733	3/31/98
SEQUA	Spain	1,197,974	12/20/89
SEQUA	Spain	1,197,976	12/20/89
SEQUA	Spain	1,197,977	5/05/89
SEQUA	Spain	1,197,978	6/05/87
SEQUA	Spain	1,197,982	11/02/89
SEQUA	Sweden	261,758	11/18/94
SEQUA	Switzerland	362,443	8/20/88
SEQUA	Taiwan	425,711	5/27/87
SEQUA	Taiwan	28469	2/16/88
SEQUA	Taiwan	29603	5/01/88
SEQUA	Taiwan	400,912	5/16/88
SEQUA	Taiwan	390,266	2/01/88
SEQUA	Taiwan	403,058	6/01/88
SEQUA	Taiwan	390,799	2/01/88
SEQUA	Taiwan	393,743	3/01/88

ARC AUTOMOTIVE - TRADEMARKS

<b>TRADEMARK</b>	<b>REG. NO.</b>	<b>COUNTRY</b>	<b>RENEWAL</b>
ARC	0700672	Benelux	5/08/11
ARC	411,989	Italy	2/11/11
ARC	4331662	China	Pending
ARC and CHINESE CHARACTERS	4331663	China	Pending
ARC CHINESE CHARACTERS	4331664	China	Pending
ARC MONOGRAM (Susquehanna)	B 853509	Great Britain	8/30/08
ARCAIR	2,091,759	U.S.	8/26/07
ARCAIR	165,350	Austria	7/19/06 (renewed)
ARCAIR	501,526	Canada	9/30/13
ARCAIR	96615987	France	3/14/06 (renewed)
ARCAIR	396-14051	Germany	3/31/06 (renewed)
ARCAIR	2860	Italy	3/21/06 (renewed)
ARCAIR	4218192	Japan	12/04/08
ARCAIR	523846	Mexico	5/02/06 (renewed)
ARCAIR	2061364	United Kingdom	3/15/06

			(renewed)
ATLANTIC RESEARCH	0711432	Benelux	5/08/11
ATLANTIC RESEARCH	150496	Israel	7/02/08
ATLANTIC RESEARCH	155949	Israel	3/14/09

ARC AUTOMOTIVE – TRADEMARKS USED UNDER A ROYALTY-FREE PAID-UP EXCLUSIVE LICENSE IN THE AUTOMOTIVE FIELD FROM AEROFET

<u>TRADEMARK</u>	<u>REG. NO.</u>	<u>COUNTRY</u>	<u>RENEWAL</u>
ARCADENE	812357	US	5/12/07
ARCITE	699654	US	6/21/10
ARCITE	0700874	Benelux	5/08/11
ARCITE	2-053-862	Germany	10/07/02 (renewed)
ARCITE	3096814	Japan	11/30/05 (renewed)
ARCITE	273637	Korea	9/06/13

CASCO - TRADEMARKS

<u>Country/State</u>	<u>Trademark</u>	<u>Reg. No./Serial No.</u>
United States	CASCO	778936
Argentina	CASCO	1506509
Australia	CASCO	A163640
Benelux	CASCO	64332
Brazil	CASCO	816,775,124
Canada	CASCO	141005
China (PRC)	CASCO (w/Chinese lettering)	4057796
France	CASCO	1129406
Germany	CASCO	984575
Great Britain	CASCO	641166
Italy	CASCO	34844C/78
Japan	CASCO	4294661
Korea	CASCO	171023
Mexico	CASCO	221882
Sweden	CASCO	66/389
United States	CASCO AND DESIGN	1032070
United States	CASCO AND DESIGN	2008215
United States	A GLOBAL COMPANY . . . . WITH LOCAL EXPERIENCE	3206709



PRECOAT TRADEMARKS

<u>Mark</u>	<u>Country</u>	<u>Reg./Serial No.</u>	<u>Issue/Filing Date</u>
KASSELWOOD	U.S.	3,080,825	4/11/06
KASSELWOOD	Canada	691113	6/29/07
IRONSHAKE	U.S.	76/601,814	7/09/04
IRONSLATE	U.S.	78/392,439	3/29/04
IRONTILE	U.S.	78/392,482	3/29/04
IRONSTONE	U.S.	78/392,468	3/29/04
COIL_ZONE	U.S.	2613392	8/27/02
FRICTIONSHEILD	U.S.	78/596942	3/29/02
INKSHIELD	U.S.	78/596961	3/29/05
MARKERSHIELD	U.S.	78/596901	3/29/02
SPECTRUM	U.S.	2592738	7/09/02
STEELSHIELD	U.S.	78/337519	1/26/04
BRUSHBRITE	U.S.	2829723	4/06/04

MEGTEC TRADEMARKS

Country	AppinNo	RegistrationNo	Registered/Filed	Status	Trademark
U.S.A.		1559716	10-Oct-1999		CADRE
Canada		361447	27-Oct-1989		CHILL JET
Spain		1055068	05-Feb-1985		CHILL JET
Italy		419939	06-Dec-1983		CHILL JET
U.S.A.		1360123	17-Sep-1985		CHILL JET
Japan		2718410	25-Dec-1996		CHILL JET
France		1254216	15-Dec-1983		CHILL JET
U.S.A.		2532983	22-Jan-2002		CLEANSWITCH
China	5435835		22-Jun-2006		CLEANSWITCH
China	5930757		05-Mar-2007		CLEANSWITCH
China	5741016		10-Jul-2006		COANDA
China	5850541		16-Jan-2007		COANDA (w/BLOCK PRINT) COANDA (w/CHINESE LETTERING)
China	5862483		22-Jan-2007		COANDA COLOR PLUS
China		4466769	20-Jun-2006		COANDA COMPACT
China		1327726	17-Jan-2005		COANDA COMPACT
China		1327726	23-Dec-2004		COANDA COMPACT
India	1327726		23-Dec-2004		COANDA COMPACT
U.S.A.		1543415	13-Jun-1989		COMBU-CHANGER
China	5435622		22-Jun-2006		DLP
U.S.A.		2386801	19-Sep-2000		DUAL DRY
China	5435836		22-Jun-2006		DUAL DRY DUAL DRY (w/CHINESE LETTERING)
China		1570852	15-Oct-2007		DUAL DRY OMEGA
CTM		1362932	03-Jul-2001		ENKEL
U.S.A.		1949459	01-Oct-1985		ENTERPRISE
U.S.A.		516575	16-Jan-1996		ENTERPRISE
Canada			21-Sep-1999		ENTERPRISE
China	5435834		22-Jun-2006		ENTERPRISE
China	5930756		05-Mar-2007		ENTERPRISE

Australia	667239	20-Jul-1995	ENTERPRISE
Taiwan	740067	16-Dec-1996	ENTERPRISE
Great Britain	2027678	27-Sep-1996	ENTERPRISE
Germany	39532300	24-Jul-1996	ENTERPRISE
Mexico	888426	26-Jul-1995	ENTERPRISE
U.S.A.	2931368	14-Apr-2003	ENVIRONMENTOR
China	5199342	08-Mar-2006	EPSILON
CTM	5971544	05-Jun-2007	EPSILON
Canada	293881	10-Aug-1984	HI-FLOAT
Great Britain	1385915	26-May-1989	HI-FLOAT
Spain	1503262	02-Jun-1989	HI-FLOAT
Spain	1503263	02-Jun-1989	HI-FLOAT
Spain	1503264	02-Jun-1989	HI-FLOAT
U.S.A.	1006887	18-Mar-1975	HI-FLOAT
Great Britain	1385915	26-May-1989	HI-FLOAT
Great Britain	1385916	26-May-1989	HI-FLOAT
Spain	1503263	02-Jun-1989	HI-FLOAT
Spain	1503264	02-Jun-1989	HI-FLOAT
Great Britain	1385914	26-May-1989	HI-FLOAT
Spain	1503262	02-Jun-1989	HI-FLOAT
Italy	886729	07-Jul-1989	HI-FLOAT
France	1714486	06-Jun-1989	HI-FLOAT
Germany	1159910	11-Jun-1990	HI-FLOAT
Madrid Convention	415539	21-Apr-1975	KATEC
(AT,CZ,FR,HU,IT,CH, Benelux, Yugoslavia)			
Canada	313908	09-May-1986	KATEC
Germany	929217	21-Oct-1974	KATEC
U.S.A.	1385594	11-Mar-1986	KATEC
Madrid Convention	415539	21-Apr-1975	KATEC
U.S.A.	2242992	04-May-1999	LEGACY
China	5435832	22-Jun-2006	LEGACY
Mexico	524199	20-Jun-1996	LEGACY

Germany	39620531	07-Oct-1996	LEGACY
France	96622624	24-Apr-1996	LEGACY
Great Britain	2070255	15-Nov-1996	LEGACY
China		25-Jun-2007	LEGEND (w/CHINESE LETTERING)
Canada	488474	28-Jan-1998	MAGNUM
Mexico	502669	30-Aug-1995	MAGNUM
Australia	667326	07-Jan-1997	MAGNUM
Great Britain	2027749	24-May-1996	MAGNUM
France	95582286	26-Jul-1995	MAGNUM
France	652376	20-Mar-1996	MEGSTRATOS-EC
U.S.A.	1723257	13-Oct-1992	MEG and design
Canada	401331	14-Aug-1992	MEG (logo)
France	1572499		MEG (logo)
Madrid Convention	559605	27-Jan-1990	MEG (logo)
Norway	161179	27-Jan-1994	MEG (logo)
United Kingdom	1435850	31-Jul-1992	MEG (logo)
United Kingdom	1435851	05-Jun-1992	MEG (logo)
United Kingdom	1435852		MEG (logo)
China	5435833	22-Jun-2006	MEGAIR COMPACT
U.S.A.	2362692	27-Jun-2000	MEGTEC
Argentina	1880907	07-Aug-2002	MEGTEC
Argentina	1880906	07-Aug-2002	MEGTEC
Australia	861284	28-Nov-2001	MEGTEC
Brazil	823580407	12-Dec-2006	MEGTEC
Brazil	823580415	12-Dec-2006	MEGTEC
CTM	1985753	28-Nov-2001	MEGTEC
CTM	463414	09-Dec-1998	MEGTEC
Canada	573640	15-Jan-2003	MEGTEC
Japan	4552628	15-Mar-2002	MEGTEC
China	1722027	28-Feb-2002	MEGTEC
China	1758083	19-Dec-2000	MEGTEC
India	978447	20-Dec-2000	MEGTEC
India	978448	11-May-2004	MEGTEC

Japan		4552627	15-Mar-2002	MEGTEC
Japan		4552628	15-Mar-2002	MEGTEC
Korea		571074	07-Jan-2004	MEGTEC
Mexico		697618	30-Apr-2001	MEGTEC
Mexico		871647	08-Mar-2005	MEGTEC
China	5199491		08-Mar-2006	MEGTEC (w/CHINESE LETTERING)
China	5199492		08-Mar-2006	MEGTEC (w/CHINESE LETTERING)
U.S.A.		2258026	29-Jun-1999	MEGTEC MAGNUM
U.S.A.		2435708	13-Mar-2001	MEGTEC SPLICE-SET
CTM		1030865	21-Feb-2000	MEGTEC SPLICE-SET
U.S.A.		2332305	21-Mar-2000	MILLENNIUM
China			30-Mar-2006	MILLENNIUM
U.S.A.	78/392682		29-Mar-2004	MODULAIR
U.S.A.		1517024	20-Dec-1988	PHAZER & DESIGN
U.S.A.		1536086	25-Apr-1989	PHAZER
Germany		1132862	04-Jan-1989	PHAZER
U.S.A.		1501233	23-Aug-1988	PHOENIX
U.S.A.		2998607	20-Sep-2005	REVOLVER-Z
Madrid Convention		644913	20-Oct-1995	ROLLOAD
U.S.A.		2560297	09-Apr-2002	ROLLTRACKER
CTM		940783	25-Sep-1998	SC BIOREACTOR
France		596880	13-May-1981	SIGMA ?
Japan		1952549	29-Nov-1996	SLIMLINE
U.S.A.	77/040325		09-Nov-2006	SPLICE RIGHT
U.S.A.		3172401	14-Nov-2006	STEP FOIL
U.S.A.		2239010	13-Apr-1999	SYNERGY
Brazil		811554678	07-Jan-1986	TEC (LOGO)
Brazil		811578321	07-Jan-1986	TEC (LOGO)
Great Britain		1381850	24-Apr-1989	TEC + BORDER
Great Britain		1381851	24-Apr-1989	TEC + BORDER
Great Britain		1381847	24-Apr-1989	TEC + BORDER
U.S.A.		942724	12-Sep-1972	TEC

Canada	201977	20-Sep-1974	TEC
Great Britain	980120	08-Sep-1971	TEC
Great Britain	1381400	21-Apr-1989	TEC + DESIGN WITHOUT BORDER
Venezuela	76648-F	30-Sep-1974	TEC
Venezuela	76649-F	30-Sep-1974	TEC
Venezuela	76647-F	30-Sep-1974	TEC
Great Britain	1381400	21-Apr-1989	TEC + DESIGN WITHOUT BORDER
Great Britain	1381401	21-Apr-1989	TEC + DESIGN WITHOUT BORDER
Great Britain	1380858	21-Apr-1989	TEC + DESIGN WITHOUT BORDER
Italy	419942	06-Dec-1983	TEC
France	1254217	15-Dec-1983	TEC
Brazil	1554678	13-Aug-1985	TEC SYSTEM LOGO
Brazil	811554678	13-Aug-1985	TEC SYSTEMS (DEVICE)
U.S.A.	77/074538	02-Jan-2007	TEC (AND DESIGN)
U.S.A.	1528230	07-Mar-1989	TECKNOWLEDGE
U.S.A.	1119518	05-Jun-1979	TECTURN
Canada	292439	29-Jun-1984	TECTURN
Italy	887851	30-Jun-1989	TECTURN
Germany	1164425	30-Jun-1989	TECTURN
Great Britain	1386072	01-Jun-1989	TECTURN
France	1708657	29-Jun-1989	TECTURN
CTM	1345602	24-Oct-2000	TRITON ES
U.S.A.	2013413	05-Nov-1996	VOC SIDIZER
Benelux	540457	02-Sep-1993	VOC SIDIZER
France	1669929	06-Jun-1991	VOC SIDIZER
Germany	2033003	23-Mar-1993	VOC SIDIZER
Great Britain	466504	06-Jun-1991	VOC SIDIZER
Italy	676699	16-Sep-1993	VOC SIDIZER
Italy	26522004	17-Mar-2004	VOC SIDIZER
MI			
Japan	3224570	29-Nov-1996	VOC SIDIZER
Sweden	239812	04-Sep-1992	VOC SIDIZER
Switzerland	393939	26-Nov-1991	VOC SIDIZER

Annex I to  
Guarantee and Collateral Agreement

ASSUMPTION AGREEMENT, dated as of \_\_\_\_\_, 200\_, made by \_\_\_\_\_ (the "Additional Grantor"), in favor of Lehman Commercial Paper Inc., as administrative agent (in such capacity, the "Administrative Agent") for the banks and other financial institutions or entities (the "Lenders") parties to the Credit Agreement referred to below. All capitalized terms not defined herein shall have the meaning ascribed to them in such Credit Agreement.

W I T N E S S E T H :

WHEREAS, Blue Jay Acquisition Corporation, a Delaware corporation ("Holdings"), Blue Jay Merger Corporation, a Delaware corporation (the "Initial Borrower"), Sequa Corporation, a Delaware corporation into which the Initial Borrower shall be merged ("Sequa" or the "Surviving Borrower"), the several banks and other financial institutions or entities from time to time parties to the Credit Agreement (the "Lenders"), LEHMAN COMMERCIAL PAPER INC., as Collateral Agent (in such capacity, the "Collateral Agent") and Administrative Agent, Lehman Brothers Commercial Bank, Citigroup Global Markets Inc. and J.P. Morgan Securities Inc., as Syndication Agents, C.I.T. Leasing Corporation, as Documentation Agent, JPMorgan Chase Bank, N.A., as Issuing Lender and Lehman Brothers Inc., Citigroup Global Markets Inc. and J.P. Morgan Securities Inc., as Joint Lead Arrangers and Joint Bookrunners have entered into that certain Credit Agreement, dated as of December 3, 2007 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement");

WHEREAS, in connection with the Credit Agreement, the Borrower (as such term is defined in the Guarantee and Collateral Agreement) and certain of its Affiliates (other than the Additional Grantor) have entered into the Guarantee and Collateral Agreement, dated as of December 3, 2007 (as amended, supplemented or otherwise modified from time to time, the "Guarantee and Collateral Agreement") in favor of the Collateral Agent for the benefit of the Administrative Agent, the Collateral Agent and the Lenders;

WHEREAS, the Credit Agreement requires the Additional Grantor to become a party to the Guarantee and Collateral Agreement; and

WHEREAS, the Additional Grantor has agreed to execute and deliver this Assumption Agreement in order to become a party to the Guarantee and Collateral Agreement;

NOW, THEREFORE, IT IS AGREED:

1. Guarantee and Collateral Agreement. By executing and delivering this Assumption Agreement, the Additional Grantor, as provided in Section 8.14 of the Guarantee and Collateral Agreement, hereby becomes a party to the Guarantee and Collateral Agreement as a Grantor thereunder with the same force and effect as if originally named therein as a Grantor and, without limiting the generality of the foregoing, hereby expressly assumes all obligations and liabilities of a Grantor thereunder. The information set forth in Annex 1-A hereto is hereby added to the information set forth in the Schedules to the Guarantee and Collateral Agreement. The Additional Grantor hereby represents and warrants, to the extent applicable, that each of the representations and warranties contained in Section 4 of the Guarantee and Collateral Agreement is true and correct on and as of the date hereof (after giving effect to this Assumption Agreement) as if made on and as of such date.

**2. GOVERNING LAW. THIS ASSUMPTION AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.**

IN WITNESS WHEREOF, the undersigned has caused this Assumption Agreement to be duly executed and delivered as of the date first above written.

[ADDITIONAL GRANTOR]

By: \_\_\_\_\_  
Name:  
Title:



Annex I-A to  
Assumption Agreement

Supplement to Schedule 1

Supplement to Schedule 2

Supplement to Schedule 3

Supplement to Schedule 4

ACKNOWLEDGMENT AND CONSENT

The undersigned hereby acknowledges receipt of a copy of the Guarantee and Collateral Agreement dated as of December 3, 2007 (the "Agreement"), made by the Grantors parties thereto for the benefit of Lehman Commercial Paper Inc., as Collateral Agent. The undersigned agrees for the benefit of the Administrative Agent, the Collateral Agent and the Lenders as follows:

1. The undersigned will be bound by the terms of the Agreement and will comply with such terms insofar as such terms are applicable to the undersigned.

2. The terms of Sections 6.3(c) and 6.8 of the Agreement shall apply to it, mutatis mutandis, with respect to all actions that may be required of it pursuant to Section 6.3(c) or 6.8 of the Agreement.

[NAME OF ISSUER]

By: \_\_\_\_\_

Name:

Title:

Address for Notices:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Fax: