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To the Honorable Commissioner of Patents a

05-08-2000

ET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101348968

original documents or copy thereof.

1. Name of conveying party(ies):

Semiconductor Components Industries of Rhode Island, Inc.
2000 South County Trail
East Greenwich, RI 02818

- Individual(s) Association
 General Partnership Limited Partnership
 Corporation-State NY
 Other _____

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

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: April 3, 2000

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

A. Trademark Application No.(s)

-Please see attached.-

B. Trademark Registration No.(s)

Additional numbers attached? Yes No

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

Name: Penelope Agodoa

Internal Address: Federal Research Corporation

Street Address: 400 Seventh St., N.W.

Suite 101

City: Washington State: DC ZIP: 20004

05/04/2000-0000000-212849

6. Total number of applications and registrations involved: 167. Total fee (37 CFR 3.41).....\$ 165 02 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

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

DO NOT USE THIS SPACE

01 FC:481
02 FC:48240.00 ~~DP~~
125.00 ~~DP~~9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.Chiann Bao
Name of Person Signing

Signature

4/17/2000

Date

Total number of pages including cover sheet, attachments, and document: 29

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

TRADEMARK

REEL: 002067 FRAME: 0958

CHERRY SEMICONDUCTOR CORPORATION

TRADEMARKS

SCHEDULE

B&S Docket #	Mark	Goods	Application No./ Filing Date	Status or Registration No./ Issue Date
1501/201	POWERSENSE	Semiconductor brochures, data sheets, data books and product guides	312,889 Sept. 11, 1992	1,822,019 Feb. 15, 1994 Expired
1501/206	SMART REGULATOR	Bulletins, data sheets, catalogs, and technical application notes in the field of integrated circuits	541,829 June 24, 1994	2,006,706 Oct. 8, 1996 Registered
1501/207	SMART REGULATOR and logo	Bulletins, data sheets, catalogs, and technical application notes in the field of integrated circuits	541,900 June 24, 1994	2,006,707 Oct. 8, 1996 Registered
1501/208	EASYCAP	Bulletins, data sheets, catalogs and technical application notes in the field of integrated circuits	75/652,812 Mar. 11, 1999	Pending
1501/209	NOCAP	Bulletins, data sheets, catalogs and technical application notes in the field of integrated circuits	75/666,988 Mar. 24, 1999	Lapses March 15, 2000
1501/210	VI ARCHITECTURE			Pending
1501/211	PHASESLICE	Bulletins, data sheets, catalogs and technical application notes in the field of integrated circuits	75/766,158 Aug. 2, 1999	Pending
1501/212	POWERSENSE	Integrated Circuits	02/16/00	Pending

Page 14 - LAN #19743
March 8, 2000

SUPPLEMENT NO. 1 dated as of April 3, 2000, to the Security Agreement dated as of August 4, 1999, among SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC, a Delaware limited liability company (the "Borrower"), SCG HOLDING CORPORATION, a Delaware corporation ("Holdings"), each subsidiary of Holdings listed on Schedule I thereto (each such subsidiary individually a "Subsidiary" or a "Guarantor" and, collectively, the "Subsidiaries" or, with Holdings, the "Guarantors"; the Guarantors and the Borrower are referred to collectively herein as the "Grantors") and THE CHASE MANHATTAN BANK, a New York banking corporation ("Chase"), as collateral agent (in such capacity, the "Collateral Agent") for the Secured Parties (as defined therein).

A. Reference is made to (a) the Credit Agreement dated as of August 4, 1999 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among the Borrower, Holdings, the lenders from time to time party thereto (the "Lenders"), Chase, as administrative agent for the Lenders (in such capacity, the "Administrative Agent"), and Credit Lyonnais New York Branch, DLJ Capital Funding, Inc. and Lehman Commercial Paper Inc., as co-documentation agents, and (b) the Guarantee Agreement dated as of August 4, 1999 (as amended, supplemented or otherwise modified from time to time, the "Guarantee Agreement"), among the Guarantors and the Collateral Agent.

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

C. The Grantors have entered into the Security Agreement in order to induce the Lenders to make Loans and the Issuing Bank to issue Letters of Credit. Pursuant to Section 5.12 of the Credit Agreement, each Subsidiary Loan Party that was not in existence or not a Subsidiary Loan Party on the date of the Credit Agreement is required to enter in to this Agreement as a Grantor upon becoming a Subsidiary Loan Party. Section 7.15 of the Security Agreement provides that such Subsidiaries may become Grantors under the Security Agreement by execution and delivery of an instrument in the form of this Supplement. The undersigned Subsidiaries (each a "New Grantor" and collectively, the "New Grantors") are executing this Supplement in accordance with the requirements of the Credit Agreement to become Grantors under the Security Agreement in order to induce the Lenders to make additional Loans and the Issuing Bank to issue additional Letters of Credit and as consideration for Loans previously made and Letters of Credit previously issued.

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

SECTION 1. In accordance with Section 7.15 of the Security Agreement, each New Grantor by its signature below becomes a Grantor under the Security Agreement with the same force and effect as if originally named therein as a Grantor and each New Grantor hereby (a) agrees to all the terms and provisions of the Security Agreement applicable to it as a Grantor thereunder and (b) represents and warrants that the representations and warranties made by it as a Grantor thereunder are true and correct on and as of the date hereof except to the extent a representation and warranty expressly relates solely to a specific date in which case such representation and warranty shall be true and correct on such date. In furtherance of the foregoing, each New Grantor, as security for the payment and performance in full of the Obligations (as defined in the Security Agreement), does hereby create and grant to the Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, their successors and assigns, a security interest in and lien on all of such New Grantor's right, title and interest in and to the Collateral of such New Grantor. Each reference to a "Grantor" in the Security Agreement shall be deemed to include the New Grantors. The Security Agreement is hereby incorporated herein by reference.

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

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

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

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

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

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

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

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

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

SEMICONDUCTOR COMPONENTS
INDUSTRIES OF RHODE ISLAND, INC.
(formerly known as Cherry Semiconductor Corporation),

By _____

Name: Dario Sacomani
Title: Senior Vice President, Chief
Address: Financial Officer, Treasurer

SEMICONDUCTOR COMPONENTS
INDUSTRIES INTERNATIONAL OF
RHODE ISLAND, INC. (formerly known
as Cherry Semiconductor International, Inc.),

By _____

Name: Dario Sacomani
Title: Senior Vice President, Chief
Address: Financial Officer, Treasurer

REDBIRD ACQUISITION CORP.,

By _____

Name: Dario Sacomani
Title: Treasurer
Address:

THE CHASE MANHATTAN BANK, as
Collateral Agent,

By _____

Name:
Title:

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

SEMICONDUCTOR COMPONENTS
INDUSTRIES OF RHODE ISLAND, INC.
(formerly known as Cherry Semiconductor Corporation),

By _____
Name:
Title:
Address:

SEMICONDUCTOR COMPONENTS
INDUSTRIES INTERNATIONAL OF
RHODE ISLAND, INC. (formerly known
as Cherry Semiconductor International, Inc.),

By _____
Name:
Title:
Address:

REDBIRD ACQUISITION CORP.,

By _____
Name:
Title:
Address:

THE CHASE MANHATTAN BANK, as
Collateral Agent,

By _____
Name: Edmond DeForest
Title: Vice President

Schedule I to Supplement No.1
to the Security Agreement

<u>Grantor</u>	<u>Address</u>	<u>County</u>	<u>State</u>
Semiconductor Components Industries of Rhode Island, Inc.	1900 South County Trail East Greenwich, RI 02818	Kent County	Rhode Island
	2000 South County Trail East Greenwich, RI 02818	Kent County	Rhode Island
	7402 West Detroit Street, Suite 140 Chandler, AZ 85228	Maricopa County	Arizona
	2512 Chambers Road Tustin, CA 92780	Orange County	California
	2700 Augustine Drive & 3795 Scott Boulevard Santa Clara, CA 95054	Santa Clara County	California
	1307 E. Markland Avenue Kokomo, IN 46901	Howard County	Indiana
	755 West Big Beaver, Suite 102 Troy, MI 48084	Oakland County	Michigan
	125 Electronics Blvd., Suite M3 & M4 Huntsville, AL 35824	Madison County	Alabama
	Electronics Avenue, FTI Complex Taguig, Metro Manila, Philippines	n/a	n/a
	Room 604, 6 th Floor Dongkyung Bldg., 824-18 Yuksam-dong, Kangnam-ku Seoul, Korea	n/a	n/a
	6 th Floor -2, No. 380 Fu Hsin S. Rd., Sec.1 Tapei, Taiwan	n/a	n/a
Semiconductor Components Industries International of Rhode Island, Inc.	2000 South County Trail East Greenwich, RI 02818	Kent County	Rhode Island
	2000 South County Trail East Greenwich, RI 02818	Kent County	Rhode Island
Redbird Acquisition Corp.	5005 East McDowell Road Phoenix, AZ 85008	Maricopa County	Arizona

Intellectual Property

See Attachment A for a list of trademarks, patents and mask work registrations.

Licenses under which royalties are due.

- 3-Year Contract for the Development of Integrated Circuit Devices with Integrated Circuit Designs, Inc., dated 1/17/00.
- 3-Year Contract for the Development of Integrated Circuit Devices with Advanced Technological Development, dated 2/1/00.
- Development Agreement with IC Design Services, Inc., dated 1/12/92.
- 3-Year Contract for the Development of Integrated Circuit Devices with Gain Technology Corporation, dated 11/24/98.
- License Agreement with Chrysler Corporation, dated 1/10/90 for use of US Patent No. 4,736,367.
- License Agreement with International Business Machines ("IBM"), dated 3/1/93.
- License Agreement with Promis Systems Corporation, dated 6/11/96.
- Corporate Agreement with Mentor Graphics Corporation, date 4/24/92.
- Software License and Services Agreement with Oracle Corporation, dated 5/25/96, as amended.
- Master Software License Agreement #187 with Ultratech Stepper a division of General Signal Technology Corporation, dated 9/9/92.
- Master Software License Agreement with Eagle Testing Systems, Inc. dated 7/14/97.
- License Agreement with CTS Corporation, dated 10/29/96.
- Alliance and License Agreement with Switch Power, Inc. and founders, dated 7/30/97.
- Patent License Agreement between Integrated Device Technology, Inc. and Subsidiary granting each other a license to use the each company's products and patents.
- Agreement with Lemelson Medical Education & Research Foundation, Limited Partnership, dated 6/22/99 (royalty paid by Seller).
- Agreement with Texas Instruments Incorporated, dated 8/1/78.
- Engineering DataXpress Evaluation Software License Agreement, dated 7/14/92.
- Patent License Agreement between Bose Corporation and Subsidiary regarding patent no. 4456872 dated June 30, 1987, as amended June 3, 1991.
- Patent License Agreement between Philips Electronics N.V. and Subsidiary for brushless DC motordriver dated August 10, 1994.
- License Agreement dated December 8, 1994 with Chrysler Corporation for use of US Patent No. 4,736,367.

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit In Which Invention Appears; Subject matter typically claimed
9	1501/115	Short Circuit Current Limited	Scharaga	030,691 03/24/87	Issued 4,779,062 10/18/88	
10	1501/116	Over-Current Timer Modulator	Gontowski	034,098 04/02/87	Issued 4,819,122 04/04/89	
11	1501/117	Overshoot Protection for Switching Mode Power Converter	Redl Saka	106,698 10/06/87	Issued 4,928,200 05/22/90	
12	1501/118	Timing and Supply Bias Circuit Using One Capacitor	Gontowski	326,895 03/21/89	Issued 4,916,332 04/10/90	
15	1501/119	Multiple Function Driver Circuit	Gontowski	152,643 02/05/88	Issued 4,820,935 04/11/89	
13	1501/120	Multi-Function Circuit with Double Ended Charging System	Skoulas	172,715 03/24/88	Issued 4,866,311 09/12/89	
16	1501/121	One-Shot Multivibrator	Gontowski	356,886 05/25/89	Issued 4,998,527 03/12/91	

Page 3 - LAN #19743
March 8, 2000

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit In Which Invention Appears; Subject matter typically claimed
17	15011/122	Voltage Controlled Oscillator	Gontowski	356,836 05/25/89	Issued 4,931,750 06/05/90	
18	15011/123	Under Voltage Lockout Circuit for Switching Mode Power Supply	Gontowski	359,513 06/01/89	Issued 4,887,022 12/12/89	
19	15011/124	Voltage Controllable Current Source	Gontowski	343,844 04/26/89	Issued 4,885,525 12/05/89	
20	15011/125	Power Factor Correction Circuit	Neufeld	431,598 11/03/89	Issued 5,006,976 04/09/91	
23	15011/126	Positive Temperature Coefficient Current Source with Low Power Dissipation	Kolanko	634,770 06/07/90	Issued 5,015,942 05/14/91	
22	15011/127	Power Up and Oscillator Circuit Using a Single Capacitor	Kolanko	530,815 05/30/90	Issued 5,034,705 07/23/91	
31	15011/128	Self-Biased Driver Circuit	Kolanko Moser	272,257 07/08/94	Issued 5,578,950 11/26/96	

Confidential Attorney-Client Communication

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit in Which Invention Appears: Subject matter typically claimed
32	15011129	Shaping a Current Sense Signal by Using a Controlled Slew Rate	Blum Levin	300,399 05/02/94	Appeal pending	
27	15011130	Thermally Matched Current Limit Circuit	Agiman	304,425 09/12/94	Issued 5,428,287 05/27/95	
33	15011131	Temperature-Compensated Voltage Clamp with Forced Pass Transistor Voltage Sharing	Galtbeau Ritan	60/1000,016 06/02/95	Priority Basis for 15011153	
62	15011132	Low Voltage Current Limit Circuit with Temperature Insensitive Foldback Network Hysteresis	Tuzzolo Schuellein	08/741,625 10/30/96	Issued 5,804,955 09/08/98	CS8284
46	15011133	Thermal Limit Circuit with Built-In Hysteresis	Tuzzolo	80/011,116 02/05/96	Priority Basis for 15011154	
41	15011134	Current-Foldback Limiting for Voltage Regulators	Tuzzolo	60/004,625 09/29/95	Priority Basis for 15011155	
34, 35, 36, 37,43	15011135	Switch with Programmable Delay	Levin, Sanzo, Theroux, Schuellein, Patch	60/012,754 03/04/96	Priority Basis for 15011139, 140, 142, 151, 158	CS5101
36	15011136	Fall Safe Circuit for Totem Pole Driver Relayered				Renamed 15011140
	15011137	Hysteretic Current Mode Control				Abandoned

Page 5 - LAN #19743
March 9, 2000

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit in Which Invention Appears Subject matter typically claimed
34, 35, 36, 37	15011/136	Integrated Circuits	Sanzo, Levin, Theroux, Schuelein	60/002,947 08/30/95	Priority Basis for 15011/39, 140, 142, 151	CS5101
37	15011/139	High Speed Comparator with Parallel Set/Reset Latch	Sanzo	08/699493 08/19/96	Issued 5,757,210 5/26/98 Parent- 15011/38	CS5101
36	15011/140	Variable Supply High Speed FET Driver with Cross Conduction Protection & Default Low Impedance State Output	Sanzo, Levin	08/682,323 07/17/96	Issued 5,781,058 7/14/98 Parent- 15011/38	CS5101
34	15011/141	Dual Function Sleep-Ramp Capacitor Pin	Levin, Sanzo, Theroux		Merged into 15011/142	CS5101
34, 35	15011/142	Low Disable Current Under Voltage Lockout Circuit with Sleep Pin	Schuelein Theroux, Sanzo, Levin	08/682,144 07/17/96	Issued 5,805,401 09/08/98 Parent- 15011/38	CS5101
38	15011/143	Balanced Delta I Method for Current Control in a Hysteresic Power Supply	Sisson, Levin	60/004,605 09/29/95	Priority Basis for 15011/156	

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status of Patent No./ Issue Date	Cherry Circuit In Which Invention Appears: Subject matter typically claimed
39	1501/144	Negative Voltage Input Comparator	Fugere, Alvermaz	08/655,871 05/8/96	Issued 5,666,076 09/09/97 Parent - 1501/146	
40	1501/145	Precision Hysteresis Generator with Temperature Compensation	Fugere, Alvermaz	08/697,328 08/22/98	Issued 5,798,663 08/25/98 Parent - 1501/146	
39, 40	1501/146	Hysteresis Generator and Negative Voltage Input Comparator	Fugere, Alvermaz	60,004,640 09/29/95	Priority Basis for 1501/144, 145	
42	1501/147	NPN Base Current Slew Rate Limiter	Schorrager	60,005,168 10/13/95	Priority Basis for 1501/157	CS1054
43	1501/148	High Speed Active, Op-Amp Clamp for Capacitor Discharge	Sanzo, Patch	60,007,766 11/30/95	Priority Basis for 1501/158	CS5101
45	1501/149	Output Driver for Logic Level P-FET Devices Operating at High Speeds	Kolanka, Lenoue	60,008,856 12/19/95	Priority Basis for 1501/159	CS5114
44	1501/150	Programmable PWM Output Voltage Independent of Supply	Phillips, Lindberg	60,009,985 01/02/96	Priority Basis for 1501/160	

Page 7 - LAN #19743
March 8, 2000

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit in Which Invention Appears: Subject matter typically claimed
34, 35, 36, 37, 43	1501/151	Switch with Programmable Delay	Levin, Sanzio, Theroux, Schuelien, Patch	08/682,153 07/17/96	Issued 5,841,313 11/24/98 Parent - 1501/135	CS5101
47	1501/152	Temperature-Compensated Current Reference with Fractional Bias Multiplication Scheme	Gallipeau, Sanzo	60015659 04/10/96	Priority Basis for 1501/161	
33	1501/153	Temperature-Compensated Voltage Clamp with Forced Pass Transistor Voltage Sharing	Gallipeau Rhan	08/654,236 06/07/96	Issued 5,786,972 7/28/98 Parent - 1501/131	CS3054 - Chrysler Fail Safe Circuit
46	1501/154	Thermal Limit Circuit with Built-in Hysteresis	Tuozzolo	08/795,942 02/05/97	Issued 5,796,280 08/18/98 Parent - 1501/133	
41	1501/155	Current-Foldback Limiting for Voltage Regulators	Tuozzolo	08/722,342 09/27/96	Issued 5,666,044 09/09/97 Parent - 1501/134	

Page 8 - LAN #19743
March 8, 2000

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

PATENTS						
Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit in Which Invention Appears: Subject matter typically claimed
38	1501/156	Balanced Delta I Method for Current Control in a Hysteretic Power Supply	Sisson, Levin	08/719,031 09/24/96	Issued 03/31/98 6,734,259 Parent - 1501/143	CS1064
42	1501/157	NPN Base Current Slew Rate Limiter	Scheraga	08/729,628 10/10/96	Issued 5,789,955 08/04/98 Parent - 1501/147	
43	1501/158	High Speed Active. Op-Amp Clamp	Sanzo, Patch	08/699,770 08/20/96	Issued 5,793,241 08/11/98 Parent - 1501/148	CS5101
45	1501/159	Output Driver for Logic Level PFET Devices Operating at High Speeds	Kolancho, Lanoue	08/750,999 12/02/96	Issued 02/17/98 5,719,491 Parent 1501/149	

Page 9 - LAN #19743
March 8, 2001

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit in Which Invention Appears; Subject matter typically claimed
44	1501/160	Programmable PWM Output Voltage Independent of Supply	Phillips, Lindberg	08/672,267 6/27/96	Issued 5,703,473 12/30/97 Parent - 1501/150	
47	1501/161	Temperature-Compensated Current Reference with Fractional Vbe Multiplication Scheme	Gallupeau, Sanzo	08/803,900 02/21/97	Issued 6,023,185 02/08/00	CS5103
49	1501/162	Dual Programmable Oscillator Using One Capacitor and Two Resistors	Kolanko, Laybourn	6,0018,063 5/21/96	Priority Basis for 1501/163	
49	1501/163	Dual Programmable Oscillator Using One Capacitor and Two Resistors	Kolanko, Laybourn	08/748,337 11/13/96	Issued 5,770,979 6/23/98 Parent - 1501/162	D670/CS1024
58	1501/164	Switching Regulator Controller Having One Capacitor for Startup and Short Circuit Protection Timer	Levin		Prefiling	CS5103
59	1501/165	Fixed Frequency PWM Current Mode Controller			Prefiling	CS5102

Page 10 - LAN #19743
March 8, 2000

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit in Which Invention Appears; Subject matter typically claimed
50	15011/166	FET Driver With Logical Differential Cross Conduction Prevention	Sanzo, Dumasz, Yole	08/829,004 03/31/97	Issued 5,896,058 04/20/99	CS5103
32	15011/167	Switched Leading Edge Replacement for Current Sense Signal	Levin, Blum	08/697,038 08/19/96	Issued 5,863,667 09/02/97 Parent - 15011/129	
51	15011/168	Current Limit Circuit with Voltage Overshoot Inhibit	Phillips	08/820,880 03/21/97	Issued 5,838,524 11/17/99	CS8371 - Dual Linear Regulator
53	15011/169	Lateral PNP Fast Turn-on Circuit	Scheraaga	08/867,627 06/02/97	Issued 5,834,964 11/10/99	CS1044 - Integrated Line Driver
54	15011/170	Lateral PNP Fast Turn-Off Circuit	Scheraaga	08/867,120 06/02/97	Issued 5,903,425 05/11/99	CS1044 - Integrated Line Driver
55	15011/171	Voltage Regulator Predriver Circuit	Phillips	08/990,689 12/15/97	Issued 5,909,109 06/01/99	Dual Channel Linear Regulator

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit in Which Invention Appears; Subject matter typically claimed
52	15011172	Foldback Circuit	Tuccuzzo, Schuellein	09/063,980 04/21/98	Issued Div. of 132 5,886,511 03/23/99	CSS284
34,35,36, 37,43	15011173	Switch with Programmable Delay	Levin, Sanzo, Treroux, Schuellein, Patch	09/132,511 08/11/98	Issued 5,955,910 09/21/99	CSS101
56	15011174	Improved Tie Bars for IC Manufacture	L.B.Geros	60/111,349 12/08/98	Abandoned	
57	15011175	Removable Wafer Processing Cassette Handle	Katsman		Prelilling; preparing application	
60	15011176	Modular DMOS Structure/Process with Self-aligned Metal Source Contact	Sardo, Briere, Durelle		Prelilling; preparing application	
61	15011177	BCDMOS with Oxide Side Wall Spacers	Sardo, Briere, Durelle		Prelilling; preparing application	

CHERRY SEMICONDUCTOR CORPORATION

PATENTS

Cherry Log #	B&S Docket #	Title	Inventors	Serial No./ Filing Date	Status or Patent No./ Issue Date	Cherry Circuit In Which Invention Appears: Subject matter typically claimed
62	15011/178	Inductor Sense and Ramp	Clarkin, Goder, Schuellein	09/431,024 11/01/99	Pending; awaiting Office Action	
56	15011/179	Improved Tie Bars for IC Manufacture	Le Geros		Abandoned	
63	15011/180	Voltage Regulator with Proactive Transient Response	Wang		Prefiling; preparing application	
64	15011/181	EPROM Programmable Non-Overlap Time Output Driver	Fisher		Prefiling; preparing application	
65	15011/182	Level Shifter	Fisher		Prefiling; preparing application	CS5351
66	15011/183	LED Lamp Outage Detector	Kovener		Prefiling; preparing application	
67	15011/184	Absolute Control of Non-overlap Time in Switch Mode Power Controller Output States	Fisher		Prefiling; preparing application	

CHERRY SEMICONDUCTOR CORPORATION

TRADEMARKS

B&S Docket #	Mark	Goods	Application No./ Filing date	Status or Registration No./ Issue Date
1501/201	POWERSENSE	Semiconductor brochures, data sheets, data books and product guides	312,889 Sept. 11, 1992	1,822,019 Feb. 15, 1994 Expired
1501/206	SMART REGULATOR	Bulletins, data sheets, catalogs, and technical application notes in the field of integrated circuits	541,829 June 24, 1994	2,006,706 Oct. 8, 1996 Registered
1501/207	SMART REGULATOR and logo	Bulletins, data sheets, catalogs, and technical application notes in the field of integrated circuits	541,900 June 24, 1994	2,006,707 Oct. 8, 1996 Registered
1501/208	EASYCAP	Bulletins, data sheets, catalogs and technical application notes in the field of integrated circuits	75/662,812 Mar. 11, 1999	Pending Lapses March 15, 2000
1501/209	NOCAP	Bulletins, data sheets, catalogs and technical application notes in the field of integrated circuits	75/666,988 Mar. 24, 1999	Pending Action due March 15, 2000
1501/210	VI ARCHITECTURE			Pending
1501/211	PHASESLICE	Bulletins, data sheets, catalogs and technical application notes in the field of integrated circuits	75/766,158 Aug. 2, 1999	Pending
1501/212	POWERSENSE	Integrated Circuits	02/16/00	Pending

Schedule
4-14

MASK WORKS FILES

PRE#	#	POST#	DATE SENT	STATUS	DATE REGISTERED	MW#	NOTES
CS	116	1	08/31/1987	Registered	09/09/1987	2987	
CS	117	6	08/22/1988	Registered	08/25/1988	1892	
CS	117	7	08/22/1988	Registered	08/25/1988	1887	
CS	235	3	08/26/1985	Registered	08/28/1985	1002	
CS	237	5	08/26/1985	Registered	08/28/1985	1001	
CS	241	5	08/26/1985	Registered	08/28/1985	1270	
CS	258		08/22/1988	Registered	08/25/1988	1890	
CS	257	2	08/26/1985	Registered	08/28/1985	998	
CS	261		08/28/1985	Registered	08/28/1985	1003	
CS	262		08/28/1985	Registered	08/28/1985	1004	
CS	266	V2	08/28/1985	Registered	08/28/1985	1000	
CS	266	V4-1	08/26/1985	Registered	08/28/1985	999	
CS	267	4	08/22/1988	Registered	08/25/1988	1886	
CS	268	2	08/28/1985	Registered	08/28/1985	1007	
CS	278	3	08/22/1988	Registered	08/25/1988	1893	
CS	279		08/22/1988	Registered	08/25/1988	1900	
CS	285	3	03/09/1988	Registered	03/11/1988	3502	
CS	291	1	09/15/1988	Registered	09/22/1988	4173	
CS	294		08/22/1988	Registered	08/25/1988	1889	
CS	308		02/19/1987	Registered	02/24/1987	2340	
CS	309		08/22/1988	Registered	08/25/1988	1888	
CS	310	2	01/16/1987	Registered	01/27/1987	2298	
CS	310	3	03/09/1988	Registered	03/11/1988	3501	
CS	312		08/22/1988	Registered	08/25/1988	1889	
CS	318		04/24/1989	Registered	05/01/1989	4817	
CS	320		10/31/1988	Registered	11/07/1988	4143	
CS	322		08/29/1989	Registered	10/06/1989	5285	
CS	326		02/19/1987	Registered	02/24/1987	2343	
CS	328	3	05/19/1988	Registered	05/23/1988	3847	
CS	330		02/19/1987	Registered	02/24/1987	2341	
CS	332	3	02/19/1987	Registered	02/24/1987	2342	
CS	334		03/21/1989	Delayed			letter of delay 5/5/89
CS	335		03/08/1988	Registered	03/11/1988	3497	
CS	341		04/24/1989	Registered	05/01/1989	5324	
CS	342		08/30/1987	Registered	07/06/1987	2748	
CS	343		08/30/1987	Registered	07/06/1987	2749	
CS	346		09/15/1988	Registered	09/22/1988	4174	
CS	347		09/15/1988	Registered	09/22/1988	4175	
CS	348		03/09/1988	??			
CS	353		08/29/1989	Registered	10/06/1989	5288	
CS	365		04/19/1989	Registered	05/04/1989	5325	
CS	403	2	03/21/1989	Registered	04/04/1989	4482	
CS	408		12/22/1989	Registered	12/28/1989	5547	
CS	409		11/17/1989	Registered	11/21/1989	5340	
CS	411	1	10/27/1989	Registered	10/30/1989	5258	
CS	414	2	09/03/1991	Registered	09/10/1991	8016	
CS	420	2	04/24/1989	Registered	05/01/1989	4818	
CS	429	1	04/19/1990	Registered	05/04/1990	5926	
CS	430		08/10/1988	??			

Schedule 4.14

CS	431	1	03/21/1989 Registered	04/04/1989	4481
CS	431	2	08/29/1989 Registered	10/06/1989	5284
CS	434		03/08/1991 Registered	03/15/1991	7082
CS	437		03/21/1989 Registered	04/04/1989	4484
CS	438		03/21/1989 Registered	04/04/1989	4483
CS	441	1	04/19/1989 Registered	05/04/1990	5824
D	447	2	04/05/1994 Registered	04/08/1994	9-882 first sent 2/16/94
CS	462	1	07/19/1990 Registered	07/24/1990	5132
D	4631	1	03/03/1992 Registered	03/09/1992	7889
CS	4631	2	02/08/1993 Registered	02/10/1993	8792
CS	4641	2	05/28/1991 Registered	06/03/1991	7090
CS	466		11/18/1991 ??		
CS	467		11/18/1991 Registered	11/25/1991	7561
D	468		11/18/1991 Registered	11/25/1991	7560
D	471	1	??		nothing in file
CS	474		09/03/1991 Registered	09/10/1991	7360
D	484	1	05/28/1991 Registered	06/03/1991	7089
D	485	1	03/03/1992 Registered	03/09/1992	7887
D	504	S	02/08/1993 Registered	02/10/1993	8794
D	513	3	02/08/1993 Registered	02/10/1993	8791
D	513	4	Registered	01/24/1994	9-881
D	522	1	Registered	03/04/1994	8-787
D	526	5	??		nothing in file
CS	541	3	01/31/1989 Registered	02/08/1989	4426
D	565	2	06/15/1995 Registered	06/19/1995	11-003
CS	570	1	03/09/1988 ??		
D	573		11/01/1994 Registered	11/14/1994	10-512
D	577	1	11/27/1995 Registered	12/12/1995	11-457 also labeled CSC015
CS	583	5	08/03/1986 Registered	09/08/1986	1846
CS	594		08/03/1986 Registered	09/08/1986	1847 registered with CS585-5
CS	595	S	08/03/1986 Registered	09/08/1986	1847 registered with CS594
D	597	4	06/15/1995 Registered	06/19/1995	11-001
D	601	2	11/27/1995 Registered	12/12/1995	11-485 also labeled CS8230
D	628	1	03/18/1986 Registered	03/26/1986	12-068
D	636	V0	02/20/1997 Registered	03/03/1997	12-728
D	637	V1	02/20/1997 Registered	03/03/1997	12-727
D	657	V2	02/20/1997 Registered	03/03/1997	12-726
CS	1009	1	08/22/1986 Registered	08/25/1988	1898
CS	1034		Registered	08/25/1997	13-310 also labeled D700
CS	1044		Registered	01/21/1998	13-777 also labeled D077-3
CS	1101		06/10/1985 Registered	06/12/1985	814
CS	1107		03/12/1999 Pending		also labeled D7152-0
CS	1108		02/11/1999 Registered	02/16/1999	14-381 also labeled D7151-1
CS	1124		09/03/1989 Pending		also labeled D729
CS	1406		06/10/1985 Registered	06/12/1985	823
CS	1810		08/22/1986 Refused		
CS	1708	1	03/09/1988 Registered	03/11/1988	3498
CS	2031		06/10/1985 Registered	06/12/1985	817
CS	2032		06/11/1985 Registered	06/14/1985	803
CS	2033		06/28/1985 ??		
CS	2037	A	Registered	06/02/1993	9058
CS	2064		Registered	12/07/1998	14-315 also labeled D720-4

Schedule 4.14

CS	2510	06/10/1985	Registered	06/12/1985	822	
CS	2511	06/11/1985	Registered	06/14/1985	804	
CS	2512	08/28/1985	??			
CS	2515	06/28/1985	??			
CS	2804	06/11/1985	Registered	06/14/1985	808	
CS	2805	06/10/1985	Registered	06/12/1985	815	
CS	3102	06/10/1985	Registered	06/12/1985	813	
CS	3208	06/10/1985	Registered	06/12/1985	820	
CS	3210	06/10/1985	Registered	06/12/1985	811	
CS	3213	06/11/1985	Registered	06/14/1985	805	
CS	3215	A	06/10/1985	Registered	06/12/1985	825
CS	3216		06/10/1985	Registered	06/12/1985	818
CS	3217		06/10/1985	Registered	06/12/1985	826
CS	3218		06/10/1985	Registered	06/12/1985	828
CS	3219		06/10/1985	Registered	06/12/1985	818
CS	3220		06/10/1985	Registered	06/12/1985	828
CS	3221		06/10/1985	Registered	06/12/1985	808
CS	3470	4	06/28/1985	Registered	06/28/1985	1008
CS	3484	V2-2	06/28/1985	Registered	06/28/1985	1008
CS	3484	V4-2	06/28/1985	Registered	06/28/1985	1005
CS	3602		06/10/1985	Registered	06/12/1985	807
CS	3603		06/10/1985	Registered	06/12/1985	810
CS	3604	A	06/28/1985	Registered	06/12/1985	830
CS	3605		06/28/1985	Registered	06/12/1985	821
CS	3606		06/10/1985	Registered	06/12/1985	827
CS	3607		06/10/1985	Registered	06/12/1985	824
CS	3608		06/28/1985	Registered	06/12/1985	809
CS	3609		06/28/1985	??		
CS	3612		06/10/1985	Registered	06/12/1985	818
CS	3841		03/09/1987	Registered	03/05/1987	2408
CS	3841	1	03/09/1988	Registered	03/11/1988	3500
D	3841	2	02/08/1993	Registered	02/10/1993	8793
CS	3843	2	03/09/1987	Registered	03/05/1987	2407
CS	3843	4	03/09/1988	Registered	03/11/1988	3499
CS	3845	B	11/30/1993	Registered	12/09/1993	9-581 also labeled D552
CS	4002		06/10/1985	Registered	06/12/1985	812 also labeled Die 742-2
CS	4044			Pending		also labeled D657-3
CS	4124		03/10/1988	??		
CS	4151		02/08/1993	Registered	02/10/1993	8795
CS	4284		06/10/1988	Registered	06/20/1988	3873
D	4711			Registered	03/04/1994	9-788
D	4791	8	03/17/1994	Registered	03/28/1994	9-870
D	4792		03/17/1994	Registered	03/28/1994	9-871
D	4872	5	05/17/1993	??		also labeled CS2037A
CS	4881	2	03/03/1992	Registered	03/09/1992	7888
CS	5014	2	03/18/1993	Registered	03/28/1993	12-053
CS	5054			Registered	09/19/1997	13-390 also labeled D627-5
CS	5106			Registered	01/08/1998	13-830 also labeled D4-685G-1
CS	5111			Registered	12/02/1997	13-546 also labeled Die 600-7
CS	5127			Registered	04/21/1998	13-857 also labeled Die 5753-0
CS	5165			Registered	01/08/1998	13-586 also labeled D7111-0
C5	5166			Registered	04/02/1998	13-796 also labeled Die 4-7112-0

Schedule 4.14

5170		09/22/1999	Pending			also labeled D7191-4
CS	5201	1	Registered	11/04/1997	13-585	also labeled D687
CS	5201	3	Registered	11/04/1997	13-558	also labeled Die 6873T-1
CS	5202	4	Registered	10/15/1997	13-544	
CS	5203	1	Registered	11/04/1997	13-584	also labeled Die 6872T-1
CS	5203	3DP3	Registered	11/10/1998	14-314	also labeled Die 4-6874-0
CS	5207	A-1	Registered	07/30/1997	13-293	also labeled D684
D	5311	1	11/01/1994 Registered	11/14/1994	10-510	
D	5312	1	11/01/1994 Registered	11/14/1994	10-509	
D	5401	3	11/01/1994 Registered	11/14/1994	10-508	
D	5401	4	03/27/1995 Registered	04/17/1995	10-861	
D	5521		06/15/1995 Registered	06/19/1995	11-002	
D	5541		11/01/1994 Registered	11/14/1994	10-511	
CS	5560	4	08/22/1986 Registered	08/25/1986	1881	
CS	5581	4	09/15/1986 Registered	09/22/1986	1881	
CS	5581	8	03/09/1988 Registered	03/11/1988	3504	
D	5594		09/20/1995 Registered	10/15/1996	12-400	
D	5621	2	10/20/1995 Registered	10/30/1995	11-360	
D	5623	1	10/20/1995 Registered	10/30/1995	11-440	
D	5626	1	10/20/1995 Registered	10/30/1995	11-361	
D	5751	1	03/27/1995 Registered	04/17/1995	10-854	
D	5752	1	03/27/1995 Registered	04/17/1995	10-982	
D	5831		10/20/1995 Registered	10/30/1995	11-362	
D	5832		10/20/1995 Registered	10/30/1995	11-358	
D	6101	3	02/05/1996 Registered	02/09/1996	11-845	also labeled CS8251
D	6611		09/20/1996 Registered	10/15/1996	12-401	
CS	8184		Registered	05/20/1998	13-906	also labeled DS153T-1
CS	8180		02/08/1993 Registered	02/10/1993	8795	also labeled D471-5
CS	8191		Registered	03/04/1994	9-766	
CS	8240		11/30/1993 Registered	12/09/1993	8-580	
CS	8334		11/30/1993 Registered	12/09/1993	9-579	also labeled D561
CS	9002		Registered	11/04/1997	13-583	also labeled Die 703K-1
CS	9201		Pending			Die 7581-3
CS	9202		Pending			Die 7582-2
CS	34017	1	08/22/1986 Registered	08/25/1986	1894	
CS	34017	2	08/22/1986 Registered	08/25/1986	1898	
CS	34017	3	08/22/1986 Registered	08/25/1986	1897	
CS	34017	4	08/22/1986 Registered	08/25/1986	1895	
CS	41009	2	03/09/1988 ??			
CS	51021		Registered	05/13/1998	13-891	also labeled Die 4-8991-3
CS	51022		Registered	05/13/1998	13-803	also labeled Die 4-8992-4
CS	51023		Registered	05/13/1998	13-559	also labeled Die 4-8993-3
CS	51024		Registered	05/13/1998	13-890	also labeled Die 4-8994-3
CS	51031		Registered	01/08/1998	13-599	also labeled D695G-1
CS	51033		Registered	01/08/1998	13-599	also labeled D695G-1
CS	51254		Registered	11/17/1998	14-288	also labeled D4-7181G-1
CS	51313		12/10/1998 Registered	01/13/1999	14-388	labeled 51313/11/12
CS	52015	3	Registered	11/04/1997	13-559	also labeled Die 6873T-1
CS	5231	3	Registered	08/01/1999	14-814	Die 7921T-3
CS	89153		Pending			Copy of receipt in file

CHERRY SEMI ADM.

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CAPITAL EXPENDITURES OPEN PURCHASE ORDERS FOR CAPEX FY00

PO DATE	VENDOR NAME	QUANTITY	UNIT PRICE	AMOUNT
6/8/1999	DMH ASSOCIATES INCORPORATED	1	2280.00	2280.00
6/25/1999	AUTOMATIC FIRE PROTECTION	1	10200.00	10200.00
6/28/1999	RELIABLE POWER SERVICE	1	3000.00	3000.00
8/5/1999	AUTOMATIC FIRE PROTECTION	1	1070.00	1070.00
6/28/1999	AUTOMATIC FIRE PROTECTION	1	11300.00	11300.00
6/28/1999	AUTOMATIC FIRE PROTECTION	1	5000.00	5000.00
10/18/1999	BONNER SYSTEMS INC	1	1840.00	1840.00
10/18/1999	BONNER SYSTEMS INC	1	3000.00	3000.00
6/29/1999	BONNER SYSTEMS INC	1	49862.00	49862.00
6/29/1999	DUCT SYSTEMS INC	1	18127.00	18127.00
6/30/1999	JESMAC INCORPORATED	1	7000.00	7000.00
6/30/1999	JESMAC INCORPORATED	1	6850.00	6850.00
6/30/1999	SARRA ENGINEERING CO INC	1	19887.00	19887.00
6/30/1999	RME INCORPORATED	1	6112.00	6112.00
6/30/1999	TURGEON CONSTRUCTION CORP	1	19800.00	19800.00
6/30/1999	RELIABLE POWER SERVICE	1	21450.00	21450.00
7/1/1999	PATRIOT FIRE PROTECTION	1	500.00	500.00
7/1/1999	PATRIOT FIRE PROTECTION	1	1350.00	1350.00
7/6/1999	HOLYOKE EQUIPMENT CO	1	139.78	139.78
7/6/1999	HOLYOKE EQUIPMENT CO	1	149.07	149.07
7/6/1999	HOLYOKE EQUIPMENT CO	1	158.36	158.36
7/6/1999	HOLYOKE EQUIPMENT CO	1	163.74	163.74
7/6/1999	HOLYOKE EQUIPMENT CO	2	214.50	429.00
7/6/1999	HOLYOKE EQUIPMENT CO	1	521.00	521.00
7/6/1999	HOLYOKE EQUIPMENT CO	1	926.97	926.97
7/6/1999	HOLYOKE EQUIPMENT CO	1	1132.16	1132.16
7/6/1999	HOLYOKE EQUIPMENT CO	1	1178.75	1178.75
7/6/1999	HOLYOKE EQUIPMENT CO	1	1351.25	1351.25
7/6/1999	HOLYOKE EQUIPMENT CO	1	1595.00	1595.00
7/6/1999	HOLYOKE EQUIPMENT CO	1	1832.99	1832.99
7/6/1999	HOLYOKE EQUIPMENT CO	2	1190.25	2380.50
7/6/1999	HOLYOKE EQUIPMENT CO	1	2420.00	2420.00
7/6/1999	HOLYOKE EQUIPMENT CO	1	2420.00	2420.00
7/6/1999	HOLYOKE EQUIPMENT CO	1	2946.23	2946.23
7/6/1999	HOLYOKE EQUIPMENT CO	1	3712.50	3712.50
7/6/1999	HOLYOKE EQUIPMENT CO	1	5206.47	5206.47
7/6/1999	HOLYOKE EQUIPMENT CO	1	8690.00	8690.00
7/6/1999	HOLYOKE EQUIPMENT CO	1	9240.00	9240.00
7/6/1999	RELIABLE POWER SERVICE	1	18460.00	18460.00
8/31/1999	MAJOR ELECTRIC & SUPPLY	12	1.91	22.92
8/31/1999	MAJOR ELECTRIC & SUPPLY	12	1.91	22.92
9/8/1999	WB MASON COMPANY INC	1	354.00	354.00
8/30/1999	WB MASON COMPANY INC	1	303.64	303.64
8/31/1999	SECOND SOURCE INC	1	4500.00	4500.00
9/13/1999	HEWLETT PACKARD	2	1170.00	2340.00
9/24/1999	HEWLETT PACKARD	1	362.00	362.00

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Schedule C.1

CAPITAL EXPENDITURES
OPEN PURCHASE ORDERS FOR CAPEX FY00

PO DATE	VENDOR NAME	QUANTITY	UNIT PRICE	AMOUNT
9/24/1999	HEWLETT PACKARD	2	210.00	420.00
9/24/1999	HEWLETT PACKARD	1	900.00	900.00
9/24/1999	HEWLETT PACKARD	2	1170.00	2340.00
				4022.00
9/29/1999	GLOBAL COMPUTER SUPPLIES	2	189.00	378.00
				378.00
10/13/1999	AMERICAN ELECTRO PRODUCTS	1	102101.00	102101.00
				102101.00
11/3/1999	AMERICAN ELECTRO PRODUCTS	1	482.00	482.00
				482.00
11/5/1999	HARBOR TECHNOLOGIES	1	275.00	275.00
11/5/1999	HARBOR TECHNOLOGIES	1	600.00	600.00
11/5/1999	HARBOR TECHNOLOGIES	1	850.00	850.00
11/5/1999	HARBOR TECHNOLOGIES	1	2450.00	2450.00
				4175.00
11/5/1999	GEMS SENSORS INC	20	15.00	300.00
				300.00
11/9/1999	HARBOR TECHNOLOGIES	5	335.00	1675.00
				1675.00
12/7/1999	BLUE M ELECTRIC	1	262.00	262.00
12/7/1999	BLUE M ELECTRIC	1	271.00	271.00
12/7/1999	BLUE M ELECTRIC	3	168.00	504.00
12/7/1999	BLUE M ELECTRIC	1	8528.00	8528.00
				9565.00
12/6/1999	EAGLE TEST SYSTEMS	1	0.00	0.00
12/6/1999	EAGLE TEST SYSTEMS	1	1200.00	1200.00
12/6/1999	EAGLE TEST SYSTEMS	1	1500.00	1500.00
12/6/1999	EAGLE TEST SYSTEMS	1	3600.00	3600.00
12/6/1999	EAGLE TEST SYSTEMS	1	5500.00	5500.00
12/6/1999	EAGLE TEST SYSTEMS	1	5800.00	5800.00
12/6/1999	EAGLE TEST SYSTEMS	1	11900.00	11900.00
12/6/1999	EAGLE TEST SYSTEMS	1	13900.00	13900.00
12/6/1999	EAGLE TEST SYSTEMS	1	19500.00	19500.00
12/6/1999	EAGLE TEST SYSTEMS	2	10900.00	21800.00
12/6/1999	EAGLE TEST SYSTEMS	2	12500.00	25000.00
12/6/1999	EAGLE TEST SYSTEMS	1	25500.00	25500.00
12/6/1999	EAGLE TEST SYSTEMS	3	10900.00	32700.00
12/6/1999	EAGLE TEST SYSTEMS	2	19500.00	39000.00
				206900.00
12/8/1999	WB MASON COMPANY INC	1	79.00	79.00
12/8/1999	WB MASON COMPANY INC	1	86.00	86.00
12/8/1999	WB MASON COMPANY INC	1	117.00	117.00
12/8/1999	WB MASON COMPANY INC	1	141.00	141.00
12/8/1999	WB MASON COMPANY INC	1	185.00	185.00
12/8/1999	WB MASON COMPANY INC	1	186.00	186.00
12/8/1999	WB MASON COMPANY INC	1	199.00	199.00
12/8/1999	WB MASON COMPANY INC	1	332.00	332.00
12/8/1999	WB MASON COMPANY INC	1	339.00	339.00
12/8/1999	WB MASON COMPANY INC	1	399.00	399.00
				2063.00
12/9/1999	MENTOR GRAPHICS	1	600.00	600.00
12/9/1999	MENTOR GRAPHICS	1	6981.00	6981.00
				7581.00
12/13/1999	ACCEL TECHNOLOGIES INC	1	225.00	225.00
12/13/1999	ACCEL TECHNOLOGIES INC	1	412.50	412.50
12/13/1999	ACCEL TECHNOLOGIES INC	1	599.00	599.00
12/13/1999	ACCEL TECHNOLOGIES INC	1	299.50	1198.00
				2434.50
12/13/1999	ACCEL TECHNOLOGIES INC	1	225.00	225.00
12/13/1999	ACCEL TECHNOLOGIES INC	1	1500.00	1500.00
				1725.00
12/10/1999	JP PLASTICS INC	1	2300.00	2300.00
				2300.00
12/15/1999	DESPATCH	1	3825.00	3825.00
				3825.00
12/16/1999	JASCO ELECTRONICS SERVICES	1	162750.00	162750.00

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CAPITAL EXPENDITURES
OPEN PURCHASE ORDERS FOR CAPEX FY00

PO DATE	VENDOR NAME	QUANTITY	UNIT PRICE	AMOUNT
12/22/1999	FIBERLINK	1	4995.00	4995.00
12/21/1999	ASECO CORPORATION	1	65000.00	65000.00
12/21/1999	JASCO ELECTRONICS SERVICES	1	35500.00	35500.00
1/5/2000	AETRIUM CORPORATION	2	160000.00	320000.00
1/5/2000	AETRIUM CORPORATION	1	160000.00	160000.00
12/28/1999	DESPATCH	1	2545.00	2545.00
12/31/1999	RUBBER COVERED PRODUCTS CO	1	5800.00	5800.00
1/29/2000	UNICOM MICROAGE	1	2851.20	2851.20
1/4/2000	OPEN SYSTEMS.COM, INC	1	1995.00	1995.00
1/4/2000	OPEN SYSTEMS.COM, INC	2	1975.00	3950.00
1/4/2000	OPEN SYSTEMS.COM, INC	1	15950.00	15950.00
1/4/2000	OPEN SYSTEMS.COM, INC	2	17450.00	34900.00
1/4/2000	OPEN SYSTEMS.COM, INC	2	25000.00	50000.00
1/4/2000	OPEN SYSTEMS.COM, INC	1	69750.00	69750.00
1/4/2000	EMTS	1	62880.00	62880.00
1/18/2000	LOGICAL	1	19.00	19.00
1/18/2000	LOGICAL	1	23.00	23.00
1/18/2000	LOGICAL	1	116.00	116.00
1/18/2000	LOGICAL	1	146.00	146.00
1/18/2000	LOGICAL	1	226.00	226.00
1/18/2000	LOGICAL	1	266.00	266.00
1/18/2000	LOGICAL	1	398.00	398.00
1/18/2000	LOGICAL	1	413.00	413.00
1/18/2000	LOGICAL	1	649.00	649.00
1/18/2000	LOGICAL	1	990.00	990.00
1/18/2000	LOGICAL	1	1050.00	1050.00
1/18/2000	LOGICAL	1	1264.00	1264.00
1/18/2000	LOGICAL	1	1680.00	1680.00
1/18/2000	LOGICAL	1	3428.00	3428.00
1/18/2000	LOGICAL	1	3746.00	3746.00
1/18/2000	LOGICAL	2	5876.00	5876.00
1/18/2000	LOGICAL	8	971.00	7768.00
1/18/2000	LOGICAL	1	14535.00	14535.00
1/18/2000	LOGICAL	1	49496.00	49496.00
1/10/2000	DELTA DESIGN INC	2	525.00	1050.00
1/10/2000	DELTA DESIGN INC	2	850.00	1700.00
1/10/2000	DELTA DESIGN INC	2	2700.00	5400.00
1/10/2000	DELTA DESIGN INC	2	55000.00	110000.00
1/10/2000	DELTA DESIGN INC	2	86750.00	173500.00
1/11/2000	UNICOM MICROAGE	1	0.00	0.00
1/11/2000	UNICOM MICROAGE	1	72.00	72.00
1/11/2000	UNICOM MICROAGE	1	260.00	260.00
1/11/2000	UNICOM MICROAGE	1	343.00	343.00
1/11/2000	UNICOM MICROAGE	1	494.00	494.00
1/11/2000	UNICOM MICROAGE	1	612.00	612.00
1/11/2000	UNICOM MICROAGE	2	968.00	1936.00
1/11/2000	UNICOM MICROAGE	1	6485.00	6485.00
1/11/2000	UNICOM MICROAGE	4	2640.00	10560.00
1/11/2000	UNICOM MICROAGE	4	5719.00	22876.00
1/17/2000	INSIGHT DIRECT INC	2	338.99	677.98
1/17/2000	INSIGHT DIRECT INC	1	3150.00	3150.00
1/19/2000	BANNER INDUSTRIES	1	670.00	670.00

CAPITAL EXPENDITURES
OPEN PURCHASE ORDERS FOR CAPEX FY00

PO DATE	VENDOR NAME	QUANTITY	UNIT PRICE	AMOUNT
1/19/2000	BANNER INDUSTRIES	1	700.00	700.00
1/20/2000	MATHESON TRI-GAS	1	179.10	179.10
1/20/2000	MATHESON TRI-GAS	1	18186.30	18186.30
1/25/2000	EAGLE ELECTRIC SUPPLY CO	10	7.75	77.50
1/25/2000	EAGLE ELECTRIC SUPPLY CO	20	11.99	239.80
				317.30
1/29/2000	AETRIUM CORPORATION	3	113905.00	341715.00
1/24/2000	JASCO ELECTRONICS SERVICES	1	0.00	0.00
2/1/2000	AGILENT TECHNOLOGIES	1	0.00	0.00
1/26/2000	GRAYBAR ELECTRIC CO	2	634.00	1268.00
1/28/2000	PACKAGING AIDS CORP	1	250.00	250.00
1/28/2000	PACKAGING AIDS CORP	1	472.00	472.00
1/28/2000	PACKAGING AIDS CORP	1	6370.00	6370.00
				7092.00
2/14/2000	GSI LUMONICS	1	82020.00	82020.00
2/10/2000	KOKUSAI SEMICONDUCTOR EQUIPMENT	1	5300.00	5300.00
2/4/2000	CONTACT EAST INC	2	680.55	1361.30
2/4/2000	CONTACT EAST INC	1	1725.96	1725.96
				3087.26
2/8/2000	XANTREX	1	1495.00	1495.00
2/8/2000	XANTREX	1	1495.00	1495.00
				2990.00
2/8/2000	NEWCOURT FINANCIAL	1	14000.00	14000.00
				14000.00
2/14/2000	MAJOR ELECTRIC & SUPPLY	500	0.27	134.78
2/14/2000	MAJOR ELECTRIC & SUPPLY	500	0.51	253.97
				388.75
2/10/2000	SPIEKER PROPERTIES	1	2845.50	2845.50
				2845.50
2/17/2000	JP PLASTICS INC	1	17850.00	17850.00
2/17/2000	JP PLASTICS INC	2	10550.00	21100.00
				36950.00
2/17/2000	KAR INDUSTRIES	1	8000.00	8000.00
				8000.00
2/25/2000	MERRIMAC	33	60.00	1980.00
2/25/2000	MERRIMAC	11	535.00	5885.00
2/25/2000	MERRIMAC	22	535.00	11770.00
				19635.00
2/23/2000	MENTOR GRAPHICS	1	3000.00	3000.00
2/23/2000	MENTOR GRAPHICS	3	2400.00	7200.00
2/23/2000	MENTOR GRAPHICS	2	7920.00	15840.00
2/23/2000	MENTOR GRAPHICS	1	27920.00	27920.00
				53960.00
2/21/2000	CONTACT EAST INC	2	8.90	17.80
2/21/2000	CONTACT EAST INC	1	313.00	313.00
2/21/2000	CONTACT EAST INC	1	1134.00	1134.00
				1464.80
2/22/2000	T TECH INCORPORATED	1	350.00	350.00
2/22/2000	T TECH INCORPORATED	1	495.00	495.00
2/22/2000	T TECH INCORPORATED	1	750.00	750.00
2/22/2000	T TECH INCORPORATED	1	8995.00	8995.00
				10590.00
2/23/2000	JP PLASTICS INC	1	3650.00	3650.00
2/23/2000	JP PLASTICS INC	2	437.50	875.00
2/23/2000	JP PLASTICS INC	1	4500.00	4500.00
				4500.00

CAPITAL EXPENDITURES
OPEN PURCHASE ORDERS FOR CAPEX FY00

Schedule 6.

PO DATE	VENDOR NAME	QUANTITY	UNIT PRICE	AMOUNT
2/22/2000	BETA LAMBDA INSTRUMENTS	1	84.55	84.55
2/22/2000	BETA LAMBDA INSTRUMENTS	1	142.40	142.40
2/22/2000	BETA LAMBDA INSTRUMENTS	1	351.55	351.55
2/22/2000	BETA LAMBDA INSTRUMENTS	1	1361.70	1361.70
2/22/2000	BETA LAMBDA INSTRUMENTS	1	8895.55	8895.55
				10835.75
2/23/2000	XANTREX	1	800.00	800.00
2/23/2000	XANTREX	1	1095.00	1095.00
2/23/2000	XANTREX	1	1479.00	1479.00
				3374.00
2/24/2000	WB MASON COMPANY INC	1	331.89	331.89
				331.89
2/23/2000	MICRO OPTICS	11	125.00	1375.00
2/23/2000	MICRO OPTICS	1	2000.00	2000.00
				3375.00
2/24/2000	CHERRY ELECTRICAL PRODUCTS	12	128.00	1536.00
2/25/2000	WB MASON COMPANY INC	1	350.00	350.00
				350.00
				2522956.66