

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

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

1. Name of conveying party(ies):

Viking Interworks Inc. Hadco Corporation
Hadco Santa Clara, Inc. Sanmina-SCI Corporation
SCI Systems, Inc. SCI Technology, Inc.
Newisys, Inc.

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

2. Name and address of receiving party(ies)

Name: U.S. Bank National Association, as
successor Corporate Trustee to State Street
Bank and Trust Company, N.A.

Internal Address: _____

Street Address: 100 Wall Street

City: New York State: NY Zip: 10005

3. Nature of conveyance:

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

Execution Date: January 13, 2004

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

See Attached

B. Patent No.(s)

See Attached

Additional numbers attached? ☒ Yes ☐ No

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

Name: Intellectual Property Docketing

Internal Address: SHEARMAN & STERLING LLP

Street Address: 599 Lexington Avenue

City: New York State: NY Zip: 10022

6. Total number of applications and patents involved: 136

7. Total fee (37 CFR 3.41).....\$ 5480.00

☒ Enclosed

☒ Authorized to be charged to deposit account

8. If check is missing or otherwise insufficient, charge deposit account number:

50-0324

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

10/14/2004
01 FC:8021

10/14/2004 MGETACHE 00000001 09909100

40.00 DP

DO NOT USE THIS SPACE

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.

Keum A. Yoon

Name of Person Signing

Keum A. Yoon
Signature

October 8, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 31

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

10/13/2004 MGETACHE 00000016 09909100

01 FC:8021 NYDOCS04/411850.1 5440.00 DP

PATENT
REEL: 015841 FRAME: 0960

Continuation of Patent Recordation Form Cover Sheet

Continuation of Box 4:

Application Numbers

09/909,100	10/011,573	10/016,369	10/013,758	10/074,321
10/237,761	10/062,093	10/126,168	PCT/US02/2838	10/302,099
10/346,402	09/563,058	09/624,831	60/287,771	10/264,362
60/334,562	10/264,368	10/264,366	10/346,402	10/454,253
60/379,353	10/417,521	PCT/US03/13826	09/004,837	09/932,456
PCT/US02/25530	10/106,426	10/106,430	10/106,299	10/188,271
10/157,340	10/145,439	10/145,438	10/157,388	10/200,471
10/157,384	10/156,893	10/157,409	10/300,408	10/356,393
10/289,492	10/289,499	10/289,521	10/289,497	10/321,078
10/291,895	10/288,347	10/288,399	60/474,859	10/414,834
10/607,819	10/608,846	10/422,514	10/426,084	10/435,072
10/442,845	10/462,015	10/602,280	10/602,366	10/602,396
10/199,940	10/199,632	10/199,938	60/402,685	60/402,686
10/404,810	10/404,809	10/417,248	10/371,090	

Patent Numbers

5,224,023	5,754,409	4,742,477	4,851,864	4,980,704
5,091,783	4,958,171	5,012,261	5,235,676	4,985,107
4,989,160	4,857,945	4,962,393	4,589,063	4,928,133
5,220,517	5,508,947	5,657,254	5,329,463	5,497,316
5,657,254	5,260,893	5,309,176	5,599,117	5,818,022
5,692,845	5,684,285	5,664,073	6,042,285	5,657,786
5,794,659	5,519,663	5,678,785	5,792,268	6,038,131
5,155,655	5,161,086	5,466,892	5,261,153	5,347,258
5,708,569	5,144,742	6,276,055	5,079,069	4,681,654
4,840,923	4,934,835	4,440,801	4,750,262	5,870,274
6,506,111	4,834,835	6,443,404	6,454,596	6,624,647
6,609,915	5,162,977	5,800,575	5,603,847	6,282,782
6,181,004	6,094,355	6,222,739	6,160,718	D263,907
D262,752	D260,454			

NO ADDITIONAL PAGES

PLEDGE SUPPLEMENT

This **PLEDGE SUPPLEMENT**, dated as of January 13, 2004, is delivered pursuant to the Second Lien Pledge and Security Agreement, dated as of December 23, 2002 (as it may be from time to time amended, restated, modified or supplemented, the "Security Agreement"), among **SANMINA-SCI CORPORATION**, the other Grantors named therein, and **U.S. BANK NATIONAL ASSOCIATION** (as successor to State Street Bank and Trust Company of California, N.A.), as Collateral Trustee. Capitalized terms used herein not otherwise defined herein shall have the meanings ascribed thereto in the Security Agreement.

Each undersigned Grantor hereby confirms the grant to Collateral Trustee set forth in the Security Agreement, and does hereby grant to Collateral Trustee, a security interest in all of Grantor's right, title and interest in and to all Collateral to secure the Secured Obligations, in each case whether now or hereafter existing or in which Grantor now has or hereafter acquires an interest and wherever the same may be located. Each Grantor represents and warrants that the attached Supplements to certain Schedules accurately and completely set forth all additional information required pursuant to the Security Agreement and hereby agrees that such Supplements shall amend certain Schedules of the Security Agreement as set forth in such Supplements and constitute part of the Schedules to the Security Agreement.

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IN WITNESS WHEREOF, Grantor has caused this Pledge Supplement to be duly executed and delivered by its duly authorized officer as of the date set forth above.

VIKING INTERWORKS INC.
HADCO CORPORATION
HADCO SANTA CLARA, INC.

By: W Boileau
Name: Walter Boileau
Title: Vice President & Treasurer

SANMINA-SCI CORPORATION
SCI SYSTEMS, INC.
SCI TECHNOLOGY, INC.
NEWISYS, INC.

By: W Boileau
Name: Walter Boileau
Title: Treasurer

**SUPPLEMENT TO SCHEDULE 4.7
TO SECOND LIEN PLEDGE AND SECURITY AGREEMENT**

Additional Information:

Schedule 4.7 of the Security Agreement is hereby amended and restated in its entirety as follows:
INTELLECTUAL PROPERTY

(A) Copyrights:

Company/Guarantor	Copyright	Filing Date	Status	Reg. No.
Hadco Corporation	TQM : team implementation model.	7/6/93	Registered	TXu576942
	Time data management system Cobol source code, copy libraries, and procedures.	11/20/86	Registered	TXu262149
	Time data management system : technical reference.	11/17/86	Registered	TXu261768
	Time data management system : user's guide.	11/17/86	Registered	TXu260999
	Time data management system.	11/19/86	Registered	TXu260423
SCI Technology, Inc.	Tether dynamics simulator program.	3/15/90	Registered	TXu408508
SCI Systems, Inc.	A general purpose functional text executive for use with Microsoft Windows operating system.	1/30/95	Registered	TX3996341

(B) Copyright Licenses

None.

(C) Patents

Company/Guarantor	Patent	Issue Date (Filing Date)	Status	Patent No. (App. No.)
SCI Systems, Inc.	Project Castle-Fiber-Optic Cable Terminus, Connector and Alignment Device and Methods	(7/19/01)	US - Pending	(09/909,100)
	Foldable Electronic Assembly Module	6/23/93 (2/10/92)	Issued to Dynamem	5224023 (833997)
	Foldable Electronic Assembly	5/19/98	Issued to Dynamem	5754409
	Project Castle	(2/5/02)	US - Pending	n/a
	Project Castle	(2/5/02)	US - Pending	(071574)
	Project Castle	(2/5/02)	US - Pending	(91102008)
	Project Castle	(2/8/02)	US - Pending	(PI 120020437)
	Castle Improvements (Electro-Optical Transducer)	(10/22/01)	US - Pending	(10/011,573)
	Castle-Further Improvements (Reflection Suppression in Multiple-Reflector Collimation System)	(12/11/01)	US - Pending	(10/016,369)

Company/Guarantor	Patent	Issue Date / (Filing Date)	Status	Patent No. (Class No.)
	Castle-Visual Alignment of Multiple-Reflector Collimation System	(12/11/01)	US - Pending	(10/013,758)
	Underwear Fiber Optic Cable Dispenser and Method	(2/12/02)	US - Pending	(10/074,321)
	Combination of -2520 and -2540, Underwater Cable and Dispenser	(12/13/02)	US - Pending	n/a
	Underwater Fiber Optic Cable	(9/9/02)	US - Pending	(10/237,761)
	Towed Airborne Vehicle Control and Explosion Damage Assessment	(1/31/02)	US - Pending	(10/062,093)
	Apparatus & Method for Recording Both Machine Readable & Printed Info	1/15/85 (1/30/84)	Expired 9/13/02 at full term	4494127 (574950)
	Time Card Recorder & Method for Identifying Employee Work Schedule	3/19/85 (11/3/83)	Expired 3/19/02 at full term	4506274 (549007)
	Computer Terminal Controller & Method	5/3/88 (8/20/84)	Issued	4742477 (642438)
	Printing Apparatus & Method	7/25/89 (5/15/87)	Issued	4851864 (051046)
	Printing Apparatus & Method	12/25/90 (3/22/89)	Issued	4980704 (327295)
	Printing Apparatus	2/25/92 (3/22/89)	Issued	5091783 (327023)
	Printing Apparatus & Method	9/18/90 (3/22/89)	Issued	4958171 (327024)
	Printing Apparatus & Method	4/30/91	Expired, may be revived	5,012,261
	Printing Apparatus & Method (ATB Printer)	5/28/91 (3/22/89)	Expired 5/28/99 re: failure to pay maintenance fees	5019841 (327232)
	Printing Apparatus & Method with Interrupted Protection & Automated Unattended Secure Operations	8/10/93 (9/21/92)	Issued	5235676 (947965)
	Component location device and method for surface - mount printed circuit boards	1/15/91 (3/1/88)	Issued	4985107 (162427)
	Apparatus & Method for Controlling Functions of Automated Gas Cabinet	1/29/91 (5/17/89)	Issued	4989160 (194828)
	Apparatus and Method for Controlling Functions of Automated Gas Cabinet	5/2/95 (5/17/89)	Issued	1335457 (600004)
	Printing Device & Method Employing Latent Electrostatic Image Development and Separate Toner - Brush Operational Cycle	8/15/89 (5/12/88)	Issued	4857945 (193352)
	Printing Apparatus (ATB Printer)	10/9/90 (5/12/88)	Issued	4962393 (193747)

Company Guarantee	Patent	Issue Date (Filing Date)	Status	Patent Number
	Data Processing Systems Having Automatic Configuration	5/13/86 (8/4/83)	Issued	4589063 (520354)
	Printer & Method (Escrow Printer)	5/22/90 (2/3/89)	Issued	4928133 (306804)
	Process Gas Distribution System with Supervisory Control	6/15/93 (8/31/90)	Issued	5220517 (576067)
	Process Gas Distribution System and Method	1/7/97 (8/29/91)	Issued	2050247 (2050247)
	Process Gas Distribution System and Method with Automatic Transducer Zero Calibration (Zero Calibration)(Cont-S/N 003,805)	4/16/96	Continuation on 003,805 pending	5508947
	Process Gas Distribution System and Method with Automatic Transducer Zero Calibration (Zero Calibration)(Cont-S/N 08-242,805)	8/12/97	Continuation on 08-242,805 pending	5657254
	Process Gas Distribution System and Method	7/12/94 (1/13/93)	Issued	5329463 (003550)
	Process Gas Distribution (Continuation Application)	3/5/96 (4/4/95)	Expired 3/5/00 for failure to pay maintenance fee	5497316 (416511)
	Process Gas Distribution (Divisional)	11/17/98 (8/29/91)	Issued	2165847
	Process Gas Distribution System and Method with Automatic Transducer Zero Calibration	8/12/97 (4/15/96)	Issued	5657254 (632708)
	Process Gas Distribution (Divisional)	n/a	Pending; Examination Requested	n/a
	Core Memory Wire Guide and Support and Utilization Method	11/19/93	Expired, may be revived, originally issued to inventor, and later assigned to SCI Systems, Inc.	5,260,893
	Airline ticket printer with stepper motor for selectively engaging print head and platen	5/3/94 (8/25/92)	Issued	5309176 (934361)
	Airline ticket printer with ticket pre-staging	2/4/97 (4/29/94)	Issued	5599117 (235497)
	Printer with offset magnetic recorder drive means	10/06/98 (6/6/95)	Issued/security interest improperly filed in favor of Ohio Mattress Co. to Morgan Guaranty Trust	5818022 (468842)
	Airline Ticket Printer with offset drive means	12/2/97 (6/6/95)	2363 U.S. 181839-146	5692845 (467701)
	Airline Ticket Printer with ticket pre-staging and recirculation	11/4/97 (6/6/95)	Issued	5684285 (468432)

Company/Grantor	Patent	Issue Date (Filing Date)	Status	Patent No. (Serial No.)
	Control system for transportation ticket printer having plurality of dual process personal computer boards for performing general computing tasks and sending data to printer control module	9/2/97 (6/6/95)	Issued	5664073 (470919)
	Device for removing ticket blanks from ticket cassette	3/28/2000 (8/8/97)	Issued	6042285 (907782)
	Zero Dead-Leg Gas Cabinet	8/19/97 (6/17/96)	Issued; (Jointly Owned with BOC)	5657786 (664788)
	Zero Dead-Leg Valve	8/18/98 (12/31/96)	Issued; (Jointly Owned with BOC)	5794659 (777837)
	Preservation System for Volatile Memory with Nonvolatile Backup Memory (HENVRAM)	5/21/96 (9/28/94)	Issued	5519663 (314158)
	Power Backup System for Volatile Memory (HENVRAM)	11/1/96 (9/15/95)	Issued	289826 (314158)
	Power Backup System for Volatile Memory (HENVRAM)	9/15/95	Issued	39195
	Power Backup System for Volatile Memory (HENVRAM)	6/15/98 (9/15/95)	Issued	2308480 (976503)
	Power Backup System for Volatile Memory (HENVRAM)	3/12/02	Pending	2200982
	Power Backup System for Volatile Memory (HENVRAM)	9/15/95 (11/6/98)	Issued	HK1010805 (98111795)
	Fiber-Optic Cable Dispenser and Remotely Controlled Vehicle Using Same	10/21/97 (7/26/96)	Issued to D. Porter, then assigned to SCI Systems, Inc., USPTO incorrectly filed as SCI Industries, Inc. - certificate of correction to be filed.	5678785 (690218)
	Printed Circuit Board Screen Printer Vacuum Holding Apparatus	8/11/98 (1/24/95)	Issued	5792268 (378988)
	Electrical component mounting assembly including special guide structure for receiving a component package regardless of orientation of the package relative to the guides	3/14/2000 (1/13/98)	Issued	6038131 (006514)
Hadco Santa Clara, Inc.	Capacitor laminate for use in Capacitive printed circuit boards, and Method of Manufacture	10/13/92 (5/10/90)	Issued	5155655 (521588)
	Capacitor laminate for use in Capacitive printed circuit boards, and Method of Manufacture	11/3/92 (1/22/92)	Issued	5161086 (823865)

Company/Guarantor	Patent	Pub. Date (App. Date)	Status	Patent No. (App. No.)
	Circuit Boards Including Capacitive Coupling for Signal Transmission and Methods of Use and Manufacture	2/3/93 (11/14/95)	Issued	5466892 (0013076)
	In Situ Method of Forming a Capacitive PCB	11/16/93 (4/6/92)	Issued	5261153 (864440)
	Annular Circuit Components Coupled with printed circuit board Through-hole	9/13/94 (4/7/93)	Issued	5347258 (44301)
	Annular Circuit Components Coupled with Through Hole	1/13/98 (7/8/96)	Issued	5708569 (677610)
	Method of Making Rigid Flex printed circuit board	9/8/92 (2/27/91)	Issued	5144742 (661983)
	Method and Apparatus for Forming Plugs in Vias of a printed circuit board layer	8/21/01 (9/24/98)	Issued	6276055 (159429)
	Capacitor Laminate For Use In Capacitive PCBs and Method of Manufacture	1/7/92 (8/23/89)	Issued	5079069 (397518)
	Capacitor Laminate For Use In Capacitive PCBs and Method of Manufacture (CIP)	10/13/92	Pending; CIP of 5155655	n/a
	Capacitor Laminate For Use In Capacitive PCBs and Method of Manufacture (DIV)	11/3/92	Pending; DIV of 5161086	n/a
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Europe - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Austria - Issued	E150611 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Belgium - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Switzerland - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Germany - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Denmark - Lapsed 4/8/98	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Spain - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	France - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Great Britain - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Italy - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Lichenstein - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Luxembourg - Issued	487 640 (909136533)
	Capacitor Laminate for Printed Circuit Board	3/19/97 (8/22/90)	Netherlands - Issued	487 640 (909136533)
	Capacitor Laminate For Use In Capacitive PCBs and Method of Manufacture	3/19/97 (8/22/90)	Sweden - Issued	487 640 (909136533)

Company/Guarantor	Patent	Issue Date (Filing Date)	Status	Patent No. (App. No.)
Sanmina - SCI Corporation	Current Mode Coupler Having A Unitary Casing	(4/19/02)	US - Pending	(126168)
	Current Mode Coupler Having A Unitary Casing	(2/1/02)	International (PCT) - Pending	(WO200268998)
	Laser Trimming of Annular Passive Components	(11/21/02)	US - Pending	(10/302,099)
	Authentication Device, System and Methods	(1/15/03)	US - Pending	(10/346,402)
	Flexible Film Semiconductor Chip	7/21/87	US-Issued	4,681,654
	Simultaneous Multiple Level Interconnection Process	6/20/89	US-Issued	4,840,923
	Linear Guidance Unit	6/19/90	US-Issued	4,934,835
	Method for depositing a metal layer on polyesters	4/3/84	US-Issued	4,440,801
	Method of Fabricating a Printed Circuitry Substrate	6/14/88	US-Issued	4,750,262
	Diskless, DMI-Based Download and Remote Test System	(5/1/00)	US - Pending	(09/563,058)
	Interpretive Simulation of Software Download Process	(7/25/00)	US - Pending	(09/624,831)
	Current Mode Coupler	(5/1/01)	US - Pending	(60/287,771)
	Current Mode Coupler	(4/19/02)	US - Pending	(10/126,168)
	Circuit Board Stiffener	(10/4/02)	US - Pending	(10/264,362)
	Current Mode Coupler with Retaining Spring	(11/30/01)	US - Pending	(60/334,562)
	Circuit Board Standoff	(10/4/02)	US - Pending	(10/264,368)
	Circuit Board Thread Plate	(10/4/02)	US - Pending	(10/264,366)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	2/27/99 (4/7/94)	Malaysia - Issued	MY110759-A (PI9400839)
	Capacitive Printed Circuit Board With Internal Capacitive Laminate	2/9/99 (6/23/97)	Issued	5870274 (880661)
	Capacitor Laminate for Printed Circuit Board	11/24/98 (8/22/90)	Canada - Issued	2064784 (2064784)
	Capacitor Laminate For Use In Capacitive PCBs and Method of Manufacture	1/16/98 (8/22/90)	Japan - Issued	2738590 2-512743
	Compound Capacitor for Capacitive PCBs and Method of Manufacture	12/6/96 (8/22/90)	Mexico - Issued	183474 (924526)
	Compound Capacitor for Capacitive PCBs and Method of Manufacture	11/29/97 (8/28/90)	Malaysia - Issued	MY-110042-A (PI9201343)
	Compound Capacitor for Capacitive PCBs and Method of Manufacture	10/27/93 (8/26/92)	Taiwan - Issued	NI-62765 (81106737)
	Compound Capacitor for Capacitive PCBs and Method of Manufacture	1/22/00 (8/22/90)	China - Issued	52675

Company/Inventor	Patent	Issued/Granted	Country	Patent No.
	Capacitor Laminate For Use In Capacitive PCBs and Method of Manufacture	8/4/99 (8/22/90)	South Korea - Issued	227528 (9270416)
	Cooling Airflow Distribution Device	1/14/03	US-Issued	6,506,111 (09/927,659)
	Authentication Device, System and Method	(1/15/03)	US-Pending	(10/346,402)
	Producing viaholes in plastic sheets and application of the method	5/30/89	US-Issued	4,834,835 (07/112,324)
	[to come -- assigned by IBM]		Japan-Issued	1629185
	Laser Trimming of Resistors	6/3/03	U.S. -- Pending	(10/454,253)
	Laser Trimming	11/20/03	PCT-Pending	Not yet issued
	Cable Restraining Bracket	9/03/02 (9/22/00)	U.S. -- Issued	6,443, 404
	Electrical Conductor Strain Relief for a Printed Circuit	9/24/02 (6/30/99)	U.S. -- Issued	6,454,596
	Test Socket for Ball Grid Array Electronic Module	9/23/03 (7/5/01)	U.S.- Issued	6,624,647
	Interconnect for Electrically Connecting a Multichip Module to a circuit substrate process for making and using same	8/26/03 (11/30/01)	U.S. -- Issued	6,609,915
	Overmolded Strain Relief and Electrical Closure	(5/10/02)	U.S. -- Pending	(60/379,353)
	Electrical Cable Strain Relief and Electrical Closure	(4/17/03)	U.S. -- Pending	(10/417,521)
	Electrical Cable Strain Relief and Electrical Closure	(4/30/03)	PCT -- Pending	PCT/US03/13826
Hadco Corporation	Printed Circuit Board Having An Integrated Decoupling Capacitive Element	11/10/92 (8/22/91)	US - Issued	5162977 (750409)
Zycon Corporation (now known as Hadco Corporation)	Annular Circuit Components Coupled with printed circuit boards Through-Hole	(4/7/94)	Israel - Issued	109242 (109242)
	In Situ Method for Forming a Capacitive PCB	9/1/98 (11/3/93)	USCP	5800575 (147671)
Hadco Santa Clara, Inc.	Annular Circuit Components Coupled with printed circuit boards Through-Hole	4/24/01 (2/8/95)	Canada - Issued	2142055 (2142055)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Europe - Issued	647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Austria - Issued	647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Belgium - Issued	647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Switzerland - Issued	647389 (949133813)

Company/Grantor	Patent	Issue Date (Filing Date)	Country	Patent Number
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Germany - Issued	P69400795.1 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Denmark - Issued	647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Spain - Issued	647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	France - Issued	647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Great Britain - Issued	647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	2/22/98 (4/7/94)	Ireland - Issued	647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Italy - Issued	0647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Luxembourg - Issued	0647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Monaco - Issued	0647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	10/23/96 (4/7/94)	Sweden - Issued	0647389 (949133813)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	6/22/01 (4/15/94)	Thailand - Issued	10619 (022113)
	Annular Circuit Components Coupled with printed circuit boards Through-Hole	6/11/01 (7/13/94)	Taiwan - Issued	VM-169530 (85217610)
	Annular Circuit Components Coupled with printed circuit board Through-Hole	2/18/97 (4/5/94)	US - Issued	5603847 (220540)
	Forming Plugs in Vias of A Circuit Board Layers and subassemblies	9/4/01 (9/2/99)	US - Issued	6282782 (389308)
Interworks Computer Products (merged into Viking Interworks Inc.)	Signal processing assembly and test method	1/30/01 (1/22/99)	US- Issued to Investors, then transferred Interworks Computer Products	6181004 (235982)
Viking Components Incorporated (n/k/a/ Viking Interworks Inc.)	Computer Cards with Integrated Connectors	(1/9/98)	US; pending	09/004-837
	High-Density Computer Modules with Double-Layer Packaging	7/25/00 (4/4/98)	US - Issued	6,094,355 (055,193)

Company/Inventor	Patent Title	Priority Date	Status	Patent No.
	High-Density Computer Module with Stacked Parallel-Plane Packaging	4/24/01 (1/12/99)	US - Issued	6,222,739 (228,867)
	High-Density Computer Module with Stacked Parallel-Plane Packaging	(1/19/99)	EPO; pending	(99903153.7)
	High-Density Computer Module with Stacked Parallel-Plane Packaging	(1/19/99)	Japan; pending	(2000-540577)
	Multi-Chip Package with Stacked Chips and Interconnect Bumps	12/12/00 (12/8/98)	US - Issued	6,160,718 (207,490)
Hartzell Manufacturing, Inc. (merged into Sanmina-SCI Systems Enclosures, LLC)	Video cassette storage rack	4/20/82 (2/22/80)	US - Issued	D263907 (123742)
	Cassette carrying case	1/26/82 (12/13/79)	US - Issued	D262752 (103052)
	Cassette carrying case	9/1/81 (6/20/79)	US - Issued	D260454 (37489)
Newisys, Inc.	Computer system partitioning using data transfers routing mechanism	(8/16/2001)	Pending	(09/932,456)
	Computer system partitioning using data transfers routing mechanism	(8/9/2002)	Pending	(PCT/US02/25530)
	Methods and apparatus for speculative probing at a request cluster	(3/22/2002)	Pending	(10/106,426)
	Methods and apparatus for speculative probing with early completion and delayed request	(3/22/2002)	Pending	(10/106,430)
	Methods and apparatus for speculative probing with early completion and early Request	(3/22/2002)	Pending	(10/106,299)
	Method and apparatus for power management	(7/1/2002)	Pending	(10/188,271)
	Methods and apparatus for speculative probing of a remote cluster	(5/28/2002)	Pending	(10/157,340)
	Method and apparatus for responding to request cluster	(5/13/2002)	Pending	(10/145,439)
	Method and apparatus responding to a request cluster	(5/13/2002)	Pending	(10/145,438)
	Methods and apparatus for speculative probing of a remote cluster	(5/28/2002)	Pending	(10/157,388)
	Interrupt handling in systems having multi-processor clusters	(7/19/2002)	Pending	(10/200,471)

Company/Grantor	Patent	Issue Date (Approx. Date)	Status	Amount
	Transaction management in systems having multiple multi-processor clusters	(5/28/2002)	Pending	(10/157,384)
	Routing mechanisms in systems having multiple multi-processor clusters	(5/28/2002)	Pending	(10/156,893)
	Address spaces management in systems having multiple multi-processor clusters	(5/28/2002)	Pending	(10/157,409)
	Method and apparatus for distributing system management signals	(11/19/2002)	Pending	(10/300,408)
	Methods and apparatus for distributing system management signals	(1/30/2003)	Pending	(10/356,393)
	Transaction processing using multiple protocol engines in systems having multiple multi-processor clusters	(11/5/2002)	Pending	(10/289,492)
	Cache coherence directory eviction mechanisms in multiprocessor systems	(11/5/2002)	Pending	(10/289,499)
	Cache coherence directory eviction mechanisms in multiprocessor systems	(11/5/2002)	Pending	(10/289,521)
	Cache coherence directory eviction mechanisms in multiprocessor systems	(11/5/2002)	Pending	(10/289,497)
	Method and apparatus for canceling a memory data fetch	(12/16/2002)	Pending	(10/321,078)
	Methods and apparatus for multiple cluster locking	(11/8/2002)	Pending	(10/291,895)
	Methods and apparatus for managing probe requests	(11/4/2002)	Pending	(10/288,347)
	Methods and apparatus for managing probe requests	(11/4/2002)	Pending	(10/288,399)
	Disk drive backplane capable of supporting multiple disk drive carrier designs	(5/30/2003)	Pending	(60/474,859)
	Managing i/o accesses in multiprocessor systems	(4/15/2003)	Pending	(10/414,834)
	Dynamic multiple cluster system reconfiguration	(6/26/2003)	Pending	(10/607,819)
	Methods for apparatus for sending targeted probes	(6/26/2003)	Pending	(10/608,846)
	Managing spares directory evictions using memory locking	(4/24/2003)	Pending	(10/422,514)
	Methods and apparatus for providing cache state information	(4/28/2003)	Pending	(10/426,084)
	Methods and apparatus for maintaining remote cluster state information	(5/9/2003)	Pending	(10/435,072)

Company/Inventor	Patent Title	Issue Date (Filing Date)	Status	Patent (Class)
	Methods and apparatus for providing cache state information	(5/20/2003)	Pending	(10/442,845)
	Methods and apparatus for extended packet communications between multiprocessor clusters	(6/12/2003)	Pending	(10/462,015)
	Improving bandwidth, framing and error detection in communications between multiprocessor clusters of multi-cluster computer systems	(6/23/2003)	Pending	(10/602,280)
	Mounting power handling components on printed circuit boards near high density routing channels	(6/23/2003)	Pending	(10/602,366)
	Multi-processing in a bios environment	(6/23/2003)	Pending	(10/602,396)
	Method, software and system for a modular computer diagnostics framework	(7/19/2002)	Pending	(10/199,940)
	Method and software protocols for control of a computer diagnostic framework across processors	(7/19/2002)	Pending	(10/199,632)
	Computer server architecture and diagnostic framework for testing same	(7/19/2002)	Pending	(10/199,938)
	Method of using three push buttons and an lsd display to enter data into a headless server computer (provisional)	(8/12/2002)	Pending	(60/402,685)
	Realistic hardware images for presentation of system status (provisional)	(8/12/2002)	Pending	(60/402,686)
	Method of using three push buttons and an lsd display to enter data into a headless server computer	(4/1/2003)	Pending	(10/404,810)
	Realistic hardware images for presentation of system status	(4/1/2003)	Pending	(10/404,809)
	Method, system, software, and processor for initializing information systems operating in headless and non-headless environments	(4/11/2003)	Pending	(10/417,248)

Company/Grantor	Patent	Date	Status	Notes
	Facilitating replication of a service processor configuration	(6/5/2003)	Pending	TBP
	A means for abstracting access to i/o for distributed service processing	(2/21/2003)	Pending	(10/371,090)

(D) Patent Licenses

Patents related to licenses for Fabricator Production:

COUNTRY	PATENT NUMBER	DATE	TITLE
US	5,079,069	07 Jan 1992	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
USCP	5,155,655	13 Oct 1992	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
USDV	5,161,086	03 Nov 1992	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
US	5,010,641	30 Apr 1991	Method of Making Multilayer Printed Circuit Board.
Europe	0 487 640	19 Mar 1997	Capacitor Laminate for Printed Circuit Board
Austria	E150611	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Belgium	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Switzerland	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Germany	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Denmark	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Spain	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
France	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Great Britain	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Italy	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Lichenstein	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Luxembourg	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Netherlands	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Sweden	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Canada	2,064,784	24 Nov 1998	Capacitor Laminate for Printed Circuit Board
Japan	2738590	16 Jan 1998	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Mexico	183,474	06 Dec 1996	Compound Capacitor for Capacitive PCBs and Method of Manufacture
Malaysia	110042	29 Nov, 1997	Compound Capacitor for Capacitive PCB's and Method of

COUNTRY	PATENT NUMBER	DATE	TITLE
Taiwan	81106737	26 Aug, 1992	Manufacture Compound Capacitor for Capacitive PCB's and Method of Manufacture
China	52675	22 Jan, 2000	Compound Capacitor for Capacitive PCB's and Method of Manufacture
South Korea	227528	14 Aug 1999	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture

Hadco Santa Clara, Inc. has outbound licenses for the above-referenced Fabricator Patents with the following licensees ("Fabricator Licensees"):

- ADI/ISOLA, 401 Whitney Place, Fremont, CA 94539
- Allied Signal Laminate Systems, 230 North Front Street, La Crosse, WI 54602-1448
- Aromat / MEM, 401 River Oaks Parkway, San Jose, CA 95135
- Dielektra GmbH, Kaiser Strasse 127, 51145 Köln Germany
- Nelco International Corporation, 2401 E. Katella Avenue, Anaheim, CA 92806
- Nelco Products Ltd., 4 Gul Crescent, Jurong, Singapore 2262
- Nelco Technology, Inc., 1130 W. Geneva Drive, Tempe, AZ 85282
- New England Laminates Company, Inc., 40 Governor Drive, Newburg, NY 12550
- Nelco S.A., 75 Grande Rue, Rte de Beze, 21310 Mirebeau-Sur-Beze FRANCE
- Nelco Products, Inc., 1411 E. Orangethorpe Ave, Fullerton, CA 92631
- Neltec, Inc., 1420 W. 12th Place, Tempe, AZ 85281
- New England Laminates, Paddock Road, West Pimbo Skelmersdale, England WN8-9PL
- Polyclad Laminates, Inc. 40 Industrial Park Drive, Franklin, NH 03235

Patent related to licenses Laminator Production

COUNTRY	PATENT NUMBER	DATE	TITLE
US	5,079,069	07 Jan 1992	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
USCP	5,155,655	13 Oct 1992	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
USDV	5,161,086	03 Nov 1992	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
US	5,010,641	30 Apr 1991	Method of Making Multilayer Printed Circuit Board.
Europe	0 487 640	19 Mar 1997	Capacitor Laminate for Printed Circuit Board
Austria	E150611	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Belgium	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture

COUNTRY	PATENT NUMBER	DATE	DESCRIPTION
Switzerland	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Germany	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Denmark	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Spain	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
France	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Great Britain	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Italy	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Lichenstein	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
Luxembourg	0 487 640	19 Mar 1997	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
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South Korea	227528	14 Aug 1999	Capacitor Laminate For Use In Capacitive PCBs And Method Of Manufacture
China	52675	22 Jan 2000	Compound Capacitor for Capacitive PCBs and Method of Manufacture
Malaysia	MY-110042	29 Nov 1997	Compound Capacitor for Capacitive PCBs and Method of Manufacture
Taiwan	81106737	26 Aug 1992	Compound Capacitor for Capacitive PCBs and Method of Manufacture

Hadco Santa Clara, Inc. has outbound licenses for the above-referenced Laminator Patents with the following licensees ("Laminator Licensees"):

- Ambitech, Inc., 8944 Fullbright Ave., Chatsworth, CA 91311.
- Compeq Manufacturing Company, Ltd.
 - ♦ Compeq Manufacturing Co., Ltd. – No. 91, Lane 814, Ta-Hsin Rd., Hsin-Chuang Village, Lu-Chu Hsiang, Taoyuan, Taiwan, R.O.C.
 - ♦ Compeq Utah – No. 620, North John Glenn Road, Salt Lake City, Utah 84116.
- Coretec, Inc, 8150 Sheppard Ave East, Scarborough, Ontario, Canada, M1B 5K2.
- Details-Dynamic Circuits (DDI):
 - ♦ Anaheim Division (Formerly Details) - 1231 Simon Circle, Anaheim, CA 92806.
 - ♦ Milpitas Division (Formerly Dynamic Circuits) – 1831 Tarob Court, Milpitas, CA 95035.
 - ♦ Texas Division (Formerly CupleX) - 1500 E. Highway 66, Garland, TX 75040.
 - ♦ Virginia Division (Formerly Automata) – 1200 Severn Way, Sterling, VA 22170.
- Fabricated Components Corp., d/b/a MEI, 130 West Bristol Lane, Orange, CA 92865.
- Hallmark Circuits, 13500 Danielson Street, Poway, CA 92064.
- Hitachi Chemical Asia Pacific Pte Ltd.:

- ◆ Outer Layer Plant – 32 Loyang Way, Singapore 508730
- ◆ Inner Layer Plant – 20 Bedok South Road, Singapore 469277
- Honeywell Electronic Materials:
 - ◆ Honeywell Advanced Circuits – 1633 Terrace Drive, Roseville, MN 55113.
 - ◆ Honeywell Advanced Circuits – 200 Centennial Drive, Buffalo, MN 55313.
 - ◆ Johnson Matthey Advanced Circuits, Inc., - Specialty Products Division, 15102 Minnetonka Industrial Road, Minnetonka MN 55345.
 - ◆ Johnson Matthey Semiconductor Packages – 234 Cashman Drive, Chippewa Falls, WI 54729
- Japan Science Interconnect Corporation (Formerly Ishizuka Siesakusho Company Ltd.), Yamanashi-Sanko Division, 3275 Tana Sagamihara City, Kanagawa, PREF Japan.
- LG Electronics, Inc. – 20, Yoido-dong, Youngdungpo-gu, Seoul, 150-721, Republic of Korea.
- McCurdy Circuits, Inc., 4900 East Hunter Avenue, Anaheim, CA 92807-2057.
- Merix Corporation, 1521 Poplar Lane, Forest Grove, OR 97116.
- Multilayer Technology, Inc. (Multek), 16 Hammond, Irvine, CA 92718.
 - ◆ Multek Irvine – 40 Parker Rd., Irvine, CA 92618.
 - ◆ Multek Roseville – 2520 Terminal Road, Roseville, MN 55113.
 - ◆ Multek de Mexico – Pedro Martinez Rivas #731, Parque Ind. Belenes Norte, Zapopan, Jalisco 45150 Mexico
 - ◆ Multek Brazil – Avenida Giovanni Gronchi, 6899, CEP 05724-005, Sao Paulo, Brazil.
 - ◆ Multek Germany – Herrenberger Strasse 110, 71034 Boeblingen, Germany.
 - ◆ Multek Sweden – Box 902, V Drottningaten 33, 692, 29 Kumla, Sweden.
 - ◆ Multek Hong Kong – 6th Floor Hale Weal Ind. Bldg., 22-28 Tai Chung Road, Tsuen Wan, N. T., Hong Kong.
 - ◆ Multek China – Doumen, PRC.
- OK Print Corporation, 3-21-18 Higashi-Koigakubo, Kokubunji-Shi, Tokyo 185 Japan.
- PC World, a division of Circuit World Corporation, 250 Finchdene Square, Scarborough, Ontario, Canada M1X 1A5
- PPC Electronic AG, Riedstrasse 2, CH-6330 Cham, Switzerland.
- Pro-tech, Inc., 17371 Mt. Wynne Circle, Fountain Valley, CA 92708.
- Proto Engineering Corporation, 181 Commercial Street, Sunnyvale, CA 94086-5202.
- Sanmina Corporation:
 - ◆ Sanmina Arizona (Formerly Hadco Phoenix/Continental) – 5020 S. 36th Street, Phoenix, AZ 85040.
 - ◆ Sanmina Cost Mesa – 2955 Airway Blvd., Costa Mesa, CA 92626.
 - ◆ Sanmina Derry NH (Formerly Hadco Derry) – 7 Manchester Rd, Derry, NH 03038.
 - ◆ Sanmina Hudson NH (Formerly Hadco Hudson) – 21 Flagstone Drive, Hudson, NH 03051.
 - ◆ Sanmina Irvine – 18522 Von Karman, Irvine, CA 92612.
 - ◆ Sanmina Malaysia (Formerly Hadco/Zycon Malaysia) – Sama-Jaya Free Industrial Zone, 93450 Kuching, Sarawak, Malaysia.
 - ◆ Sanmina Mountain View (Plant 4) – 1625 Plymouth Street, Mountain View, CA 95043.
 - ◆ Sanmina Nashua – 41 Simon Street, Nashua NH 03060.
 - ◆ Sanmina NY (Formerly Hadco Owego) – 1200 Taylor Road, Owego, NY 13827.
 - ◆ Sanmina San Jose (Plant #2, Bearing Drive) – 2505 Bearing Drive, San Jose, CA 95131.
 - ◆ Sanmina San Jose (Plant 1A) – 2101 O'Toole Avenue, San Jose, CA 95131.
 - ◆ Sanmina San Jose (Plant 1B) – 2101 O'Toole Avenue, San Jose, CA 95131.
 - ◆ Sanmina Santa Clara (Formerly Hadco Santa Clara/Zycon) – 425 El Camino Real, Santa Clara, CA 95050.
 - ◆ Sanmina Santa Clara (Plant 3) – 2539 Scott Blvd., Santa Clara, CA 95050.
 - ◆ Sanmina Tech Center East (Formerly Hadco Tech East) – 46 Rogers Road, Ward Hill, MA 01835.
 - ◆ Sanmina Tech Center West (Formerly Hadco Tech West) – 78 Hanger Way, Watsonville, CA 95076.
 - ◆ Sanmina Tech Center Texas (Formerly Hadco Austin) – 15508 Bratton Lane, Austin, TX 78728.
 - ◆ Sanmina Wilmington – 1 Jewel Drive, Wilmington, MA 01887.
- Thomas Walters, 1 First Ave., Glove Business Park, Marlow, Bucks, England SL7-1YA.
- Toppan Electronics, 7770 Miramar Rd., San Diego, CA 92126.

- Tyco Printed Circuit Group:
 - ♦ Dallas (OR) Division Formerly Praegitzer) - 1270 S.E. Monmouth Cutoff, Dallas, OR 97338-9532
 - ♦ Los Angeles Division - 8636 Aviation Blvd., Inglewood, CA 90301
 - ♦ Microser Division - Boecillo Technology Park, Valladolid, Spain.
 - ♦ Santa Clara (CA) Division (Formerly Sigma Circuits) - 393 Mathew Street, Santa Clara, CA 95050.
- Via Systems Group, Inc:
 - ♦ Via Systems BV (Formerly Mommers Print Service BV) - Peutenweg 2-6101, VZ Echt, PO Box 34-6100 AA Echt, The Netherlands.
 - ♦ Via Systems Canada, 205 Burnswick Blvd, Pointe-Claire, Quebec H9R 1A5.
 - ♦ Via Systems Tyneside, Eldon Street, South Shields, Tyne & Wear, England NE33 5BU.
 - ♦ Via Systems China, 888 Jiu Fu West Road, Jiu Fu Zhen, Bai Yun Qu, Guangzhou City, Guandong Province, Peoples Republic of China
 - ♦ Yamamoto Mfg. Co., Ltd., Honjo Facility, 188 Shimonodo Honjo-City, Saitama-pref 367-0036 Japan

(E) Trademarks

Company/Guarantor	Trademark	Filing Date (App. Date)	Country	Number
Sanmina-SCI Corporation	SANMINA-SCI	(7/23/02)	European Community - Pending	(2787695)
	SANMINA-SCI (Block Letter)	12/11/02 (5/28/02)	Mexico-Registered	66,400 (550,811)
	SANMINA-SCI (Block Letter)	(5/28/02)	Mexico-Pending	(550,812)
	SANMINA-SCI (Block Letter)	6/16/03 (5/28/02)	Mexico-Registered	795,479 (550,813)
	SANMINA-SCI ENCLOSURES	(7/23/02)	European Community - Pending	(2787109)
	SANMINA-SCI & DESIGN	(7/23/02)	European Community - Pending	(2785590)
	ADVANTAGE SANMINA-SCI and Design	(1/25/02)	US - Pending	76-363,376
	END-TO-END SOLUTION	9/2/03 (5/17/02)	US - Registered	2,758,337 (76-409,920)
	OPTO-VIA	(10/30/02)	US - Registered	(78-180,200)
	OPTI-VIA	(10/30/02)	US - Registered	(78-180,198)
	SANMINA-SCI	6/3/03 (12/17/01)	US - Registered	2,722,488 (76-349,692)
	SANMINA-SCI ENCLOSURES	(5/15/02)	US - Registered	(76-407,890)
	SANMINA-SCI ADVANTAGE	12/2/03 (1/25/02)	US - Registered	2,789,463 (76-363,375)
	SANMINA-SCI and Design	6/3/03 (12/17/01)	US - Registered	2,722,489 (76-349,693)
	SANMINA-SCI CENTRAL DATA	(1/25/02)	US - Pending	(76-363,378)
	SANMINA-SCI CENTRAL DATA	(1/25/02)	US - Pending	(76-363,377)
	SANMINA-SCI CONNEX	12/2/03 (12/14/01)	US - Registered	2,789,442 (76-348,965)
	THE PREMIER EMS COMPANY	2/4/03	US-Registered	2,684,938 (76-349,694)

Company/Inventor	Trademark	Date	Status	Reg. No. (App. No.)
	VIKING INTERWORKS	(11/19/02)	US - Pending	(78-186,442)
	VIKING INTERWORKS A SANMINA-SCI COMPANY and Design	(11/18/02)	US - Pending	(78-186,235)
	VIKING INTERWORKS and Design	(11/19/02)	US - Pending	(78-186,518)
	S and Design	8/12/1997 (4/25/1996)	US - Registered	2,087,241 (75-093,814)
	SANMINA	12/30/1997 (1/3/1997)	US - Registered	2,125,601 (75-221,044)
	SANMINA CONNEX	(6/4/01)	United States - Pending	(76-266,439)
	SCI... THE E-EMs COMPANY	(4/9/01)	European Community - Pending	(2172153)
	BURIED CAPACITANCE	(6/16/03)	U.S.- Pending	(78/262719)
	SCI	9/13/89	Ireland-Registered	138592
	SANM eCOMPRAS	(6/5/03)	U.S.-Pending	(78/258975)
	SANMINA-SCI	Not yet filed	Madrid Protocol- NYF	To come
	SANMINA-SCI	Not yet filed	Brazil NYF	To come
	SANMINA-SCI	(11/12/03)	Canada- Pending	(1,169,029)
	SANMINA-SCI	(11/13/03)	India- Pending	Not yet known
	SANMINA-SCI	(10/30/03)	Israel- Pending	(167733)
	SANMINA-SCI	(10/30/03)	Israel- Pending	(167734)
	SANMINA-SCI	(10/03/03)	Israel Pending	(167735)
	SANMINA-SCI	(10/03/03)	Malaysia- Pending	(2003/13436)
	SANMINA-SCI	(10/03/03)	Malaysia- Pending	(2003/13437)
	SANMINA-SCI	(10/27/03)	Malaysia- Pending	(2003/13435)
	SANMINA-SCI	(10/27/03)	Singapore- Pending	(T03/17282F)
	SANMINA-SCI	(10/27/03)	Singapore- Pending	(T03/17283D)
	SANMINA-SCI	(10/28/03)	Singapore- Pending	(T03/17284B)
	SANMINA-SCI	(10/16/03)	Sweden- Pending	(2003/06366)
	SANMINA-SCI	(10/16/03)	Thailand- Pending	(533628)
	SANMINA-SCI	(10/16/03)	Thailand-Pending	(533629)
	SANMINA-SCI	Not yet filed	Thailand- Pending	(533630)
	SANMINA-SCI & DESIGN	Not yet filed	Madrid Protocol- NYF	To come

Company/Guarantor	Trademark	Filing Date (App. Date)	Country	Registration No.
	SANMINA-SCI & DESIGN	(11/12/03)	Brazil- NYF	To come
	SANMINA-SCI & DESIGN	(11/13/03)	Canada- Pending	(1196031)
	SANMINA-SCI & DESIGN	(10/30/03)	India- Pending	Not yet known
	SANMINA-SCI & DESIGN	(10/30/03)	Israel- Pending	(167736)
	SANMINA-SCI & DESIGN	(10/30/03)	Israel- Pending	(167737)
	SANMINA-SCI & DESIGN	(10/30/03)	Israel- Pending	(167738)
	SANMINA-SCI & DESIGN	(10/03/03)	Malaysia- Pending	(2003/13440)
	SANMINA-SCI & DESIGN	(10/03/03)	Malaysia- Pending	(2003/13439)
	SANMINA-SCI & DESIGN	(10/03/03)	Malaysia- Pending	(2003/13438)
	SANMINA-SCI & DESIGN	(10/27/03)	Singapore- Pending	(T03/17287G)
	SANMINA-SCI & DESIGN	(10/27/03)	Singapore- Pending	(T03/17289C)
	SANMINA-SCI & DESIGN	(10/27/03)	Singapore- Pending	(T03/17290G)
	SANMINA-SCI & DESIGN	(11/03/03)	Sweden- Pending	(2003/06503)
	SANMINA-SCI & DESIGN	(10/16/03)	Thailand- Pending	(533631)
	SANMINA-SCI & DESIGN	(10/16/03)	Thailand- Pending	(533632)
	SANMINA-SCI & DESIGN	(10/16/03)	Thailand- Pending	(5336333)
	SANMINA-SCI ENCLOSURES	(10/30/03)	Canada- Pending	(1194734)
	THINSTRATE	(7/25/03)	U.S.- Pending	(78/279156)
	VIKING HEAD DESIGN	(12/03/02)	U.S.- Pending	(78/190715)
	ZBC-1000	(6/11/03)	U.S.- Pending	(78/260885)
	SANMINA-SCI	(7/29/02)	Mexico- Pending	03738
	SANMINA-SCI	(12/19/02)	Mexico- Pending	6610
Hadco Corporation	HADCO	8/24/01 (2/14/97)	Canada -- Registered	TMA550,184 (836,615)
	HADCO and Design	2/14/86 (2/14/97)	Canada -- Registered	TMA550,134 (836,616)
	CAPLANE	12/19/00 (9/14/99)	European Community -- Registered	1307677 (1307677)
	HADCO	6/27/00 (6/17/99)	European Community -- Registered	1209527 (1209527)

Company/Qualifications	Trademark	Registration Date (US/Foreign)	Status	Number
	BC and Design	3/28/95 (3/25/94)	US - Registered	1,885,918 (74-504,987)
	HADCO	9/9/97 (2/16/96)	US - Registered	2,094,325 (75-059,264)
	HADCO (Stylized Letters)	9/16/97 (2/16/96)	US - Registered	2,096,683 (75-059,100)
	ZBC-2000	3/28/95 (3/25/94)	US - Registered	1,885,919 (74-504,988)
SCI Systems, Inc.	SCI SYSTEMS	4/28/89 (11/15/88)	France - Registered	1498396 (INPI966669)
	SCI	5/31/91 (5/18/90)	Germany - Registered	1177083 (S 503559WZ)
	E and Design	(3/5/01)	US - Pending	(76-218,723)
	LEADING THE INDUSTRY TO ZERO NONCONFORMITIES	(9/21/00)	US - Pending	(76-134,212)
	LION and Design	(9/21/00)	US - Pending	(76-134,023)
	LION LEADING THE INDUSTRY TO ZERO NONCONFORMITIES SCI and Design	(9/21/00)	US - Pending	(76-134,024)
	MINIABM	7/29/03 (5/21/02)	US - Registered	2,741,362 (76-410,249)
	MINIADAU	7/29/03 (5/17/02)	US - Registered	2,741,360 (76-409,798)
	MINISCU	8/5/03 (5/17/02)	US - Registered	2,746,591 (76-418,225)
	MINITCG	5/13/03 (5/21/02)	US - Registered	2,716,778 (76-410,444)
	RETURN ON E	3/19/02 (10/16/00)	US - Registered	2,549,535 (76-416,798)
	RETURN ON E and Design	3/19/02 (10/16/00)	US - Registered	2,549,531 (76-146,405)
	SCI and Design	(9/21/00)	US - Pending	(76-133,931)
	SCI-THE E-EMS COMPANY (Stylized Letters)	10/29/02 (5/4/01)	US - Registered	2,642,078 (76-250,819)
	SCI---THE E-EMS COMPANY (Stylized Letters)	(4/28/00)	US - Pending	(76-036,730)
	THE E-EMS COMPANY	(11/27/00)	US - Pending	(76-171,381)
	TOCNET	3/26/02 (8/8/01)	US - Registered	2,552,821 (78-078,109)
	SCI... THE e-OEMs COMPANY	(4/9/01)	European Community- Pending	(2171692)
	SCI	6/13/78	US - Registered	1093156
	SCI	6/12/79 (2/21/78)	Registered	1119950 (73-159,441)
	SCI	10/6/87 (2/10/86)	Registered	1459862 (73-582,234)
	SCI	6/9/92 (6/11/86)	Registered	1691197 73-603,631
	SCI	12/8/87 (2/10/86)	Registered	1468046 (73-582,232)

Company/Guarantor	Trademark	Principal Filing Date	Status	Registration No.
	SCI + Device in Color	3/30/92 (3/30/92)	Singapore Registered	T92/02299Z
	SCI + Device in Color	3/30/92 (3/30/92)	Singapore Registered	T92/02300G
	SCI + Device in Color	3/20/92 (3/30/92)	Singapore Registered	T92/02301E
	SCI	3/8/88 (2/10/86)	Registered	1480109 (73-582,231)
	UNISHELL	10/8/85	US - Registered	1364243
	SCI	6/2/92 (9/19/88)	US - Registered	1690543 (73-752,721)
	SCI	5/31/91	8080 Germany 81839-176	1177083
	SCI	5/15/98 (9/19/97)	France-Registered	97.659799 (97 695799)
	SCI	9/19/97	8081.1 France 818390212	97.659799
	SCI	6/27/89 (11/22/88)	Switzerland - Registered	369720
	SCI Systems	11/15/88 (11/15/88)	France - Registered	1,498,396 (966,669)
	SCI	8/4/89 (12/21/88)	Monaco- Registered	12494
	SCI	8/1/89 (11/22/88)	Benelux- Registered	454972 (303122)
	SCI	4/16/93 (1/9/90)	U.K.-Registered	1412900 (1412900)
	SCI	3/19/93 (1/9/90)	U.K.-Registered	1412901 (1412901)
	SCI	2/5/93 (1/9/90)	U.K.-Registered	1412902 (1412902)
	SCI	4/20/90 (10/13/88)	Canada-Registered	TMA367906 (617,158)
	SCI	(11/12/99)	Canada-Pending	(617,158)
	SCI	2/16/93 (9/13/89)	Ireland Registered	138591 (5008/89)
	SCI & Device	3/30/92 (3/30/92)	Singapore Registered	T92/022992
	SCI & Device	3/30/92 (3/30/92)	Singapore Registered	T92/02300G
	SCI & Device	9/12/96	Singapore Registered	T96/09734Z
	SCI & Device	3/30/92	Singapore Registered	T91/02301E
	SCI SYSTEMS	6/7/90	Thailand Registered	Bor1162 (230670)
	SCI SYSTEMS		Thailand Registered	152567 (203164)

Company/Inventor	Patent No.	Date	Status	Count
	SCI	8/8/95 (4/2/90)	Brazil Registered	815480342
	SCI	5/22/02 (12/1/97)	Malaysia Pending	97/18277
	SCI	5/19/95 (2/9/91)	Malaysia Registered	91/00858
	SCI	5/23/01	Malaysia Registered	(01/03740)
	SCI	6/15/94 (1/21/94)	Mexico-Registered	463486 (188625)
	SCI	2/17/98	8100 Hungary 81839-203	148.715
	SCI	6/7/97	European Community- Pending	530220
	SCI	7/28/97	India Registered	762986
	SCI	11/1/97	China Registered	1267388
	SCI	2/21/01	China Registered	1526174
	SCI	11/11/98 (11/12/97)	Hong Kong Registered	B11651 (97 11556)
	SCI	n/a	Malaysia Pending	n/a
	SCI	n/a	Malaysia Pending	n/a
	SCI Systems	6/12/01	Taiwan Registered	945669 (88003927)
	SCI	1/1/99	Spain Registered	2193331
	SCI	7/1/00 (10/26/98)	Taiwan Registered	126016 87051943
	SCI	6/1/01 (10/12/99)	Taiwan Registered	143644 88049933
	SCI	12/4/01 (8/24/00)	Israel Registered	141338
	SCI	12/4/01 (8/24/00)	Israel Registered	141340
	SCI	12/4/01 (8/24/00)	Israel Registered	141339
	SCI	7/20/01	Australia Registered	883179
	VC VALUE and Design	11/8/00 (10/6/99)	European Community - Registered	1335983 (1335983)
	VIKING MEMORY COMPONENTS (EUROPE) LIMITED	7/7/00 (8/26/94)	U.K. - Registered	1582991 (1582991)
	INTELLIFLASH	(7/18/00)	Canada; pending	(1,067,546)
	INTELLIFLASH	12/25/01 (1/18/00)	US; registered	2,523,355 (75-898,151)
	SPEED POWER PERFORMANCE	9/13/01 (1/26/98)	Canada; registered	TMA550,763 (867-355)
	SPEED POWER PERFORMANCE AND DESIGN	7/21/98 (7/24/97)	US; registered	2,175,875 (75-330,228)
	SPEED POWER PERFORMANCE AND DESIGN	4/4/01 (7/18/00)	European Community; registered	1438431 (1438431)

Company/Inventor	Trademark	Filed Date (App. Date)	Status	Serial Number
	SPEED POWER PERFORMANCE AND DESIGN	12/25/01 (11/18/99)	US; registered	2,523,301 (75-852,948)
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Austria; registered	001438431
Viking Components, Inc. (n/k/a Viking Interworks Inc.)	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Benelux; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Germany; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Denmark; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Spain; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Finland; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	France; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	U.K.; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Greece; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Ireland; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Italy; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Jersey; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Portugal; registered	001438431
	SPEED POWER PERFORMANCE (FIGURATIVE MARK)	7/18/00	Sweden; registered	001438431
	VIKING COMPONENTS & DESIGN	(12/20/96)	European Community; pending	(441204)
	VIKING COMPONENTS & DESIGN	10/21/96 (6/24/96)	Germany; registered	39627724 (39627724)
	VIKING COMPONENTS & DESIGN	7/7/00 (8/26/94)	U.K.; registered	1582990 (1582990)

Company/Inventor	Inventor	App. No.	Status	App. No.
	VIKING COMPONENTS AND DESIGN	4/9/96	Mexico; registered	729707
	VIKING COMPONENTS & DESIGN	(12/23/96)	Norway; pending	(968297)
	VIKING COMPONENTS & DESIGN	12/20/96	Austria; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Benelux; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Germany; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Denmark; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Spain; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Finland; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	France; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	U.K.; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Greece; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Ireland; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Italy; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Jersey; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Portugal; pending	App. No. 000441204
	VIKING COMPONENTS & DESIGN	12/20/96	Sweden; pending	App. No. 000441204
	NETMEMORY	(6/4/99)	US; pending	(75/722,358)
	VC VALUE	(1/4/00)	Colombia; registered	233390
	VC VALUE AND DESIGN	1/5/01 (2/3/00)	Australia; registered	822277 (822277)
	VC VALUE AND DESIGN	(1/27/00)	Brazil; pending	(822421046)
	VC VALUE	5/13/02 (1/10/00)	Canada; registered	TMA 561,839
	VC VALUE AND DESIGN	1/24/00	China; registered	1566448
	VCVALUE	11/7/00 (10/5/99)	European Community TDMK; registered	1334028 (1334028)
	VC VALUE	2/15/00	Mexico; registered	647176
	VC VALUE	10/9/01 (1/14/00)	New Zealand; registered	606065
	VC VALUE and Design	1/28/00	Singapore; registered	T00/01301H
	VC VALUE	1/28/00	Singapore; registered	T00/01302F
	VCVALUE	12/25/01 (6/1/99)	US; registered	2,523,164 (75-717,521)
	VCVALUE (DESIGN)	10/5/99	Austria; registered	001334028

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Company/Inventor	Trademark	File #	Country	Number
	VCVALUE (DESIGN)	10/5/99	Benelux; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Germany; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Denmark; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Spain; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Finland; registered	001334028
	VCVALUE (DESIGN)	10/5/99	France; registered	001334028
	VCVALUE (DESIGN)	10/5/99	U.K.; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Greece; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Ireland; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Italy; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Jersey; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Portugal; registered	001334028
	VCVALUE (DESIGN)	10/5/99	Sweden; registered	001334028
	VCVALUE (DESIGN)	2/3/00	Australia; registered	822279 (822279)
	VCVALUE (DESIGN)	1/25/01 (1/27/00)	Brazil; pending	(822462583)
	VCVALUE and Design	(1/10/00)	Canada; pending	(1,042,029)
	VCVALUE and Design	1/24/00	China; registered	1528394
	VCVALUE and Design	(1/4/00)	Colombia; registered	233389
	VCVALUE and Design	2/15/00	Mexico; registered	652666
	VCVALUE and Design	12/7/00 (1/14/00)	New Zealand; registered	606066
	VCVALUE (DESIGN)	1/28/00	Singapore; registered	T00/01301H
	VCVALUE and Design	12/25/01 (6/25/99)	US; registered	2,523,183 (75-737,345)
	VIKING COMPONENTS and DESIGN	9/23/97 (10/20/95)	US; registered	2,098,646 (75-008,235)
	VIKING COMPONENTS	2/5/98 (8/27/96)	Canada; registered	TMA489,359 (821,793)
	VIKING ON BOARD	5/29/01 (11/13/98)	US; registered	2,456,056 (75-666,582)
	VIKING COMPONENTS and Design	4/11/02 (9/3/98)	Australia; registered	772025
	VIKING COMPONENTS and Design	9/4/98	Singapore; registered	T98/08978F
	VIKING COMPONENTS and Design	2/8/01 (9/2/98)	New Zealand; registered	297634
	SCI/FORTUNE	11/27/91 (12/21/90)	Mexico - Registered	402298 (103689)
	FORTUNE	2/10/90 (2/15/88)	Italy - Registered	522386 (1012088)
	FORTUNE	10/28/88 (5/26/88)	Monaco - Registered	12064
	EOG	10/31/00 (12/29/99)	US - Registered	2,400,290 (75-882,924)
	NEWISYS	12/10/02 (11/7/00)	U.S. - Registered	2660398 (76/160605)

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