

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| CITIBANK, N.A. | 11/19/2008 |

RECEIVING PARTY DATA

| | |
|-----------------|-------------------------|
| Name: | HADCO SANTA CLARA, INC. |
| Street Address: | 2700 NORTH FIRST STREET |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

| | |
|-----------------|-------------------------|
| Name: | HADCO CORPORATION |
| Street Address: | 2700 NORTH FIRST STREET |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

| | |
|-----------------|-------------------------|
| Name: | SCIMEX, INC. |
| Street Address: | 2700 NORTH FIRST STREET |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

| | |
|-----------------|------------------------------------|
| Name: | SANMINA-SCI SYSTEMS HOLDINGS, INC. |
| Street Address: | 2700 NORTH FIRST STREET |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

| | |
|-----------------|-------------------------|
| Name: | SCI TECHNOLOGY, INC. |
| Street Address: | 2700 NORTH FIRST STREET |
| | |

PATENT

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REEL: 021890 FRAME: 0312

CH \$6520.00 6625376

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|----------------|------------|
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

| | |
|-----------------|-------------------------|
| Name: | SANMINA-SCI CORPORATION |
| Street Address: | 2700 NORTH FIRST STREET |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

PROPERTY NUMBERS Total: 163

| Property Type | Number |
|----------------|---------|
| Patent Number: | 6625376 |
| Patent Number: | 6963678 |
| Patent Number: | 6600855 |
| Patent Number: | 6865333 |
| Patent Number: | 6988854 |
| Patent Number: | 6771863 |
| Patent Number: | 6739232 |
| Patent Number: | 4494127 |
| Patent Number: | 4506274 |
| Patent Number: | 4742477 |
| Patent Number: | 4851864 |
| Patent Number: | 4980704 |
| Patent Number: | 5091783 |
| Patent Number: | 4958171 |
| Patent Number: | 5012261 |
| Patent Number: | 5019841 |
| Patent Number: | 5235676 |
| Patent Number: | 4985107 |
| Patent Number: | 4989160 |
| Patent Number: | 1335457 |
| Patent Number: | 4857945 |
| Patent Number: | 4962393 |
| Patent Number: | 4589063 |
| Patent Number: | 4928133 |

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|---------------------|----------|
| Patent Number: | 5220517 |
| Patent Number: | 5657254 |
| Patent Number: | 5329463 |
| Patent Number: | 5497316 |
| Patent Number: | 5260893 |
| Patent Number: | 5309176 |
| Patent Number: | 5599117 |
| Patent Number: | 5818022 |
| Patent Number: | 5692845 |
| Patent Number: | 5684285 |
| Patent Number: | 5664073 |
| Patent Number: | 6042285 |
| Patent Number: | 5657786 |
| Patent Number: | 5794659 |
| Patent Number: | 5519663 |
| Patent Number: | 5678785 |
| Patent Number: | 5792268 |
| Patent Number: | 6038131 |
| Patent Number: | 5155655 |
| Patent Number: | 5161086 |
| Patent Number: | 5466892 |
| Patent Number: | 5261153 |
| Patent Number: | 5508947 |
| Patent Number: | 6253376 |
| Patent Number: | 7249337 |
| Patent Number: | 5347258 |
| Patent Number: | 5708569 |
| Patent Number: | 5144742 |
| Patent Number: | 6276055 |
| Patent Number: | 5079069 |
| Patent Number: | 6794769 |
| Patent Number: | 6972391 |
| Application Number: | 10346402 |
| Patent Number: | 4681654 |
| Patent Number: | 4840923 |

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|---------------------|----------|
| Patent Number: | 4934835 |
| Patent Number: | 4440801 |
| Patent Number: | 4750262 |
| Patent Number: | 7240336 |
| Application Number: | 60287771 |
| Patent Number: | 6880243 |
| Application Number: | 60334562 |
| Patent Number: | 6923691 |
| Patent Number: | 7345247 |
| Patent Number: | 5870274 |
| Patent Number: | 6506111 |
| Patent Number: | 6652373 |
| Patent Number: | 7011576 |
| Patent Number: | 6652374 |
| Application Number: | 60291447 |
| Patent Number: | 6889853 |
| Application Number: | 10693782 |
| Application Number: | 60421522 |
| Application Number: | 60474561 |
| Patent Number: | 4834835 |
| Patent Number: | 7180165 |
| Patent Number: | 6940038 |
| Patent Number: | 6443404 |
| Patent Number: | 6624647 |
| Patent Number: | 6609915 |
| Application Number: | 60379353 |
| Patent Number: | 6811441 |
| Patent Number: | 5241219 |
| Patent Number: | 6454596 |
| Application Number: | 90005960 |
| Application Number: | 90006078 |
| Application Number: | 10383139 |
| Application Number: | 09668192 |
| Application Number: | 10000819 |
| Application Number: | 10648408 |

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| Application Number: | 10417521 |
| Patent Number: | 5162977 |
| Patent Number: | 5800575 |
| Patent Number: | 5603847 |
| Patent Number: | 6282782 |
| Patent Number: | 6181004 |
| Application Number: | 09004837 |
| Patent Number: | 6094355 |
| Patent Number: | 6222739 |
| Patent Number: | 6160718 |
| Patent Number: | D262752 |
| Patent Number: | D263907 |
| Patent Number: | D260454 |
| Application Number: | 09932456 |
| Patent Number: | 7107409 |
| Patent Number: | 7103725 |
| Patent Number: | 7107408 |
| Patent Number: | 6986069 |
| Patent Number: | 6865595 |
| Patent Number: | 7395379 |
| Application Number: | 10145438 |
| Patent Number: | 7103636 |
| Patent Number: | 7039740 |
| Patent Number: | 7155525 |
| Patent Number: | 7281055 |
| Patent Number: | 7251698 |
| Application Number: | 10300408 |
| Patent Number: | 7418617 |
| Application Number: | 10289492 |
| Patent Number: | 6934814 |
| Patent Number: | 6920532 |
| Patent Number: | 6925536 |
| Patent Number: | 7162589 |
| Patent Number: | 6950913 |
| Patent Number: | 7003633 |

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| Patent Number: | 7103726 |
| Application Number: | 60474859 |
| Patent Number: | 7047372 |
| Application Number: | 10607819 |
| Patent Number: | 7337279 |
| Patent Number: | 7024521 |
| Patent Number: | 7272688 |
| Patent Number: | 7346744 |
| Patent Number: | 7334089 |
| Patent Number: | 7069392 |
| Patent Number: | 7386626 |
| Patent Number: | 7019983 |
| Patent Number: | 7194660 |
| Application Number: | 10199940 |
| Application Number: | 10199632 |
| Patent Number: | 7080284 |
| Application Number: | 60402685 |
| Application Number: | 60402686 |
| Application Number: | 10404810 |
| Patent Number: | 7386796 |
| Patent Number: | 7225327 |
| Application Number: | 10371090 |
| Patent Number: | 2457666 |
| Patent Number: | 6970352 |
| Patent Number: | 7222262 |
| Patent Number: | 7249224 |
| Patent Number: | 7103823 |
| Patent Number: | 7159137 |
| Patent Number: | 7395347 |
| Patent Number: | 7117419 |
| Application Number: | 10775974 |
| Patent Number: | 7106600 |
| Application Number: | 10918771 |
| Application Number: | 10291895 |

CORRESPONDENCE DATA

Fax Number: (650)493-6811

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-496-7543

Email: nbouch@wsgr.com

Correspondent Name: WSGR, c/o Nancy Bouch, Sr. Paralegal

Address Line 1: 650 Page Mill Road

Address Line 2: FH 2-1 P10

Address Line 4: Palo Alto, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:

6069.403

NAME OF SUBMITTER:

Nancy Bouch

Total Attachments: 19

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TERMINATION AND RELEASE OF SECURITY INTEREST IN TRADEMARKS AND
PATENTS

This TERMINATION AND RELEASE OF SECURITY INTEREST IN TRADEMARKS AND PATENTS (the “Release”) is entered into as of November 19, 2008, by and between CITIBANK, N.A. (the “Grantee”), and HADCO SANTA CLARA, INC., SANMINA-SCI CORPORATION, HADCO CORPORATION, SCIMEX, INC., SANMINA-SCI SYSTEMS HOLDINGS, INC., and SCI TECHNOLOGY, INC. (the “Grantors”). All capitalized terms used herein but not otherwise defined herein shall have the meaning ascribed to those terms in the Pledge and Security Agreement (as defined below).

WHEREAS, Grantee and Grantors and certain of Grantors’ affiliates entered into that certain Pledge and Security Agreement, dated as of October 26, 2004 (as amended from time to time) (the “Security Agreement”);

WHEREAS, pursuant to the Security Agreement, Grantors granted and assigned to Grantee a security interest in and to, and lien upon, those certain Trademarks set forth on Schedule A attached hereto, which security interests were recorded in the United States Patent and Trademark Office on January 6, 2005, at Reel 3097 and Frame 0807, and those certain Patents set forth on Schedule B attached hereto, which security interests were recorded in the United States Patent and Trademark Office on January 3, 2005, at Reel 016097 and Frame 0729; and

WHEREAS, Grantors have satisfied their Secured Obligations, as such term is defined in that certain Security Agreement between Grantors and Grantee, and Grantee now desires to terminate and release the entirety of its security interests in and lien on the Trademarks and Patents and restore all right, title and interest in and to such Trademarks and Patents.

NOW, THEREFORE, for good and valuable consideration, including the satisfaction of all Secured Obligations secured by the Trademarks and Patents, the receipt and adequacy of which are hereby acknowledged, the Grantee and Grantors hereby agree as follows:

1. The Grantee hereby terminates and releases in its entirety to the Grantors its security interest in and liens upon all of Grantors’ right, title and interest in, to and under (i) all of Grantors’ worldwide rights, title and interest in, to and under the Trademarks and the Trademark Licenses, and any and all goodwill associated therewith; (ii) all of Grantors’ worldwide right, title and interest in, to and under the Patents and the Patent Licenses, including any and all reissues, reexaminations, extensions and supplementary protection certificates thereof, and all patents applications, including any provisional, divisional, continuation, continuing, reissue and/or continuation-in-part patent applications; (iii) all proceeds and products of the Trademarks, Trademark Licenses, Patents, and Patent Licenses; and (iv) all causes of action, past, present and future, for infringement, misappropriation, or dilution of any of the Trademarks and the Trademark Licenses, infringement of the Patents and the Patent Licenses or unfair competition regarding the same.

2. The Grantee hereby authorizes and requests that the Commissioner of Patents, Commissioner of Trademarks and any other applicable government officer record this Release.

3. This Release may be executed in counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

4. This Release shall be governed by, and construed in accordance with, the laws of the State of New York.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, each of the Grantee and Grantors have caused this Release to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.

GRANTEE:

CITIBANK, N.A.

By: _____

Name: _____

Patricia Gallagher
PATRICIA GALLAGHER
VICE PRESIDENT

Title: _____

GRANTORS:

SANMINA-SCI CORPORATION

By: _____

Name: Mr. Walter Boileau

Title: Treasurer

HADCO SANTA CLARA, INC.

HADCO CORPORATION

SCIMEX, INC.

SANMINA-SCI SYSTEMS HOLDINGS,
INC.

SCI TECHNOLOGY, INC.

By: _____

Name: Mr. Walter Boileau

Title: Vice President and Treasurer

Signature Page to Trademark & Patent Release

IN WITNESS WHEREOF, each of the Grantee and Grantors have caused this Release to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.

GRANTEE:

CITIBANK, N.A.

By: _____

Name: _____

Title: _____

GRANTORS:

SANMINA-SCI CORPORATION

By: Walter Boileau

Name: Mr. Walter Boileau

Title: Treasurer

HADCO SANTA CLARA, INC.

HADCO CORPORATION

SCIMEX, INC.

SANMINA-SCI SYSTEMS HOLDINGS,
INC.

SCI TECHNOLOGY, INC.

By: Walter Boileau

Name: Mr. Walter Boileau

Title: Vice President and Treasurer

Schedule A

Trademarks

| Company/Grantor | Trademark | File Date/ (App. Date) | Status | Reg. No./ (Serial. No.) |
|-------------------------|--|---------------------------|---------------------------|----------------------------|
| Sanmina-SCI Corporation | ADVANTAGE SANMINA-SCI & Design | 12/9/03 (1/25/02) | U.S. - Issued | 2,792,381 (76/363,376) |
| | END-TO-END SOLUTION | 9/2/03 (5/17/02) | U.S. - Issued | 2,758,337 (76/409,920) |
| | OPTO-VIA | 11/20/07 (10/30/02) | U.S. - Issued | 3,340,766(7 8/180,200) |
| | OPTI-VIA | (10/30/02) | U.S. - Pending | (78/180,198) |
| | SANMINA-SCI | 6/3/03 (12/17/01) | U.S. - Issued | 2,722,488 (76/349,692) |
| | SANMINA-SCI ENCLOSURES | (5/15/02) | U.S. - Issued | (76/407,890) |
| | SANMINA-SCI ADVANTAGE | 12/2/03 (1/25/02) | U.S. - Issued | 2,789,463 (76/363,375) |
| | SANMINA-SCI and Design | 6/3/03 (12/17/01) | U.S. - Issued | 2,722,489 (76/349,693) |
| | SANMINA-SCI CENTRAL DATA | 12/09/03 (01/25/02) | U.S. - Issued | 2,792,382 (76/363,378) |
| | SANMINA-SCI CENTRAL DATA | 5/10/05 (1/25/02) | U.S. - Issued | 2,948,708 (76/363,377) |
| | SANMINA-SCI CONNEX | 12/2/03 (12/14/01) | U.S. - Issued | 2,789,442 (76/348,965) |
| | THE PREMIER EMS COMPANY | 2/4/03 (12/17/01) | U.S. - Issued | 2,684,938 (76/349,694) |
| | VIKING INTERWORKS | (11/19/02) | U.S. - Pending | (78/186,442) |
| | VIKING INTERWORKS A SANMINA-SCI COMPANY and Design | 3/6/07 (11/18/02) | U.S. - Issued | 3,214,641 (78/186,235) |
| | VIKING INTERWORKS and Design | 3/6/07 (11/19/02) | U.S. - Issued | 3,214,642 (78/186,518) |
| | S and Design | 8/12/1997 (4/25/1996) | U.S. - Issued | 2,087,241 (75/093,814) |
| | SANMINA | 12/30/1997 (1/3/1997) | U.S. - Issued | 2,125,601 (75/221,044) |
| | SANMINA CONNEX | 2/3/04 (6/4/01) | United States - Issued | 2,811,157 (76/266,439) |
| | BURIED CAPACITANCE | 11/16/04 (6/16/03) | U.S. - Issued | 2,903,267 (78/262719) |
| | SANM eCOMPRAS | (6/5/03) | U.S. - Pending | (78/258975) |
| | THINSTRATE | (7/25/03) | U.S. - Pending | (78/279156) |

| Company/Grantor | Trademark | File Date/ (App. Date) | Status | Reg. No./ (Serial. No.) |
|-------------------|---|---------------------------|---------------------|----------------------------|
| | VIKING HEAD DESIGN | 5/4/04 (12/03/02) | U.S. - Issued | 2,838,537 (78/190715) |
| | SANM eCOMPRAS LOGO | (8/12/03) | U.S. - Pending | (78/286034) |
| | SANMINA-SCI CENTRAL DATA & DESIGN | (01/25/02) | U.S. - Pending | (76/363377) |
| | ECOBAY | 10/5/07 (9/7/01) | U.S. - Issued | 2,891,560 (76/310273) |
| | ECOBAY 442 and Design | (9/7/01) | U.S. - Pending | (76/310410) |
| | H2 COOLED and Design | 9/28/04 (9/7/01) | U.S. - Issued | 2,889,603 (76/310163) |
| | BC and Design | 3/28/95 (3/25/94) | U.S. - Issued | 1,885,918 (74/504,987) |
| Hadco Corporation | HADCO | 9/9/97 (2/16/96) | U.S. - Issued | 2,094,325 (75/059,264) |
| | HADCO (Stylized Letters) | 9/16/97 (2/16/96) | U.S. - Issued | 2,096,683 (75/059,100) |
| | ZBC-2000 | 3/28/95 (3/25/94) | U.S. - Issued | 1,885,919 (74/504,988) |
| | ZBC-1000 | 5/23/06 (6/11/03) | U.S. - Issued | 3,096,322 (78/260885) |
| SCI Systems, Inc. | SCI SYSTEMS | 2/1/95 | State of Alabama | 106-334 |
| | E and Design | (3/5/01) | U.S. - Pending | (76/218,723) |
| | LEADING THE INDUSTRY TO ZERO NONCONFORMITIES | (9/21/00) | U.S. - Pending | (76/134,212) |
| | LION and Design | (9/21/00) | U.S. - Pending | (76/134,023) |
| | LION LEADING THE INDUSTRY TO ZERO NONCONFORMITIES SCI and Design | (9/21/00) | U.S. - Pending | (76/134,024) |
| | MINIABM | 7/29/03 (5/21/02) | U.S. - Issued | 2,741,362 (76/410,249) |
| | MINIADAU | 7/29/03 (5/17/02) | U.S. - Issued | 2,741,360 (76/409,798) |
| | MINISCU | 8/5/03 (5/17/02) | U.S. - Issued | 2,746,591 (76/418,225) |
| | MINITCG | 5/13/03 (5/21/02) | U.S. - Issued | 2,716,778 (76/410,444) |
| | RETURN ON E | 3/19/02 (10/16/00) | U.S. - Issued | 2,549,535 (76/416,798) |

| Company/Grantor | Trademark | File Date/ (App. Date) | Status | Reg. No./ (Serial. No.) |
|------------------------|--|---------------------------|---------------------|----------------------------|
| | RETURN ON E and Design | 3/19/02 (10/16/00) | U.S. - Issued | 2,549,531 (76/146,405) |
| | SCI and Design | (9/21/00) | U.S. - Pending | (76/133,931) |
| | SCI-THE E-EMS COMPANY (Stylized Letters) | 10/29/02 (5/4/01) | U.S. - Issued | 2,642,078 (76/250,819) |
| | SCI---THE E-EMS COMPANY (Stylized Letters) | (4/28/00) | U.S. - Pending | (76/036,730) |
| | THE E-EMS COMPANY | (11/27/00) | U.S. - Pending | (76/171,381) |
| | TOCNET | 3/26/02 (8/8/01) | U.S. - Issued | 2,552,821 (78/078,109) |
| | SCI | 6/13/78 (9/16/77) | U.S. - Issued | 1,093,156 (73/141,534) |
| | SCI | 6/12/79 (2/21/78) | Issued | 1,119,950 (73/159,441) |
| | SCI | 10/6/87 (2/10/86) | Issued | 1,459,862 (73/582,234) |
| | SCI | 6/9/92 (6/11/86) | Issued | 1,691,197 (73/603,631) |
| | SCI | 12/8/87 (2/10/86) | Issued | 1,468,046 (73/582,232) |
| | SCI | 3/8/88 (2/10/86) | Issued | 1,480,109 (73/582,231) |
| | UNISHELL | 10/8/85 (4/16/85) | U.S. - Issued | 1,364,243 (73/532,523) |
| | SCI | 6/2/92 (9/19/88) | U.S. - Issued | 1,690,543 (73/752,721) |
| | INTELLIFLASH | 12/25/01 (1/18/00) | U.S. - Issued | 2,523,355 (75/898,151) |
| | SPEED POWER PERFORMANCE AND DESIGN | 7/21/98 (7/24/97) | U.S. - Issued | 2,175,875 (75/330,228) |
| | SPEED POWER PERFORMANCE AND DESIGN | 12/25/01 (11/18/99) | U.S. - Issued | 2,523,301 (75/852,948) |
| | SPEED POWER PERFORMANCE (FIGURATIVE MARK) | 10/15/01 7/18/00 | New Jersey - Issued | 1,438,431 |
| Viking Interworks Inc. | VIKING COMPONENTS & DESIGN | 12/20/96 | Jersey - Pending | (000441204) |
| | NETMEMORY | (6/4/99) | U.S. - Pending | (75/722,358) |
| | VCVALUE | 12/25/01 (6/1/99) | U.S. - Issued | 2,523,164 (75/717,521) |

| Company/Grantor | Trademark | File Date/ (App. Date) | Status | Reg. No./ (Serial. No.) |
|------------------------------------|---------------------------------|---------------------------|-----------------|----------------------------|
| | VCVALUE | 10/5/99 | Jersey - Issued | 001334028 |
| | VCVALUE and Design | 12/25/01 (6/25/99) | U.S. - Issued | 2,523,183 (75/737,345) |
| | VIKING COMPONENTS and DESIGN | 9/23/97 (10/20/95) | U.S. - Issued | 2,098,646 (75/008,235) |
| | VIKING ON BOARD | 5/29/01 (11/13/98) | U.S. - Issued | 2,456,056 (75/666,582) |
| | EOG | 10/31/00 (12/29/99) | U.S. - Issued | 2,400,290 (75/882,924) |
| | NEWISYS | 12/10/02 (11/7/00) | U.S. - Issued | 2,660,398 (76/160605) |
| | SEMILON | (11/20/00) | U.S. - Pending | (76/168861) |
| SCI Technology, Inc. | FORTUNE | 4/2/85 (5/4/84) | U.S. - Issued | 1,328,203 (73/478829) |
| Sanmina Enclosure Systems, Inc. | LANSUITE | 7/4/00 (9/8/99) | U.S. - Issued | 2,364,642 (75/795828) |
| Newisys, Inc. | NEWISYS | (8/26/02) | U.S. - Pending | (76/443986) |
| | NEWISYS LOGO | 6/8/04 (11/7/00) | U.S. - Issued | 2,851,201 (76/160608) |

Schedule B

Patents

| Company/Grantor | 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 | 9/23/03 (7/19/01) | U.S. - Issued | 6,625,376 (09/909,100) |
| | DUPLICATE- See above | | | |
| | Electro-Optical Transducer with Multi-Reflector Beam-Expanding & Collimating Input/Output Device | 11/8/05 (10/22/01) | U.S. - Issued | 6,963,678 (10/011,573) |
| | Castle-Further Improvements (Reflection Suppression in Multiple-Reflector Collimation System) | 07/29/03 (12/10/01) | U.S. - Issued | 6,600,855 (10/016,369) |
| | Castle-Visual Alignment of Multiple-Reflector Collimation System | 3/8/05 (12/10/01) | U.S. - Issued | 6,865,333 (10/013,758) |
| | Underwear Fiber Optic Cable Dispenser and Method | 1/24/06 (2/12/02) | U.S. - Issued | 6,988,854 (10/074,321) |
| | Underwater Fiber Optic Cable | 08/03/04 (09/09/02) | U.S. - Issued | 6,771,863 (10/237,761) |
| | Towed Airborne Vehicle Control and Explosion Damage Assessment | 5/25/04 (1/31/02) | U.S. - Issued | 6,739,232 (10/062,093) |
| | Apparatus & Method for Recording Both Machine Readable & Printed Info | 1/15/85 (1/30/84) | U.S. - Expired 9/13/02 at full term | 4,494,127 (574950) |
| | Time Card Recorder & Method for Identifying Employee Work Schedule | 3/19/85 (11/3/83) | U.S. - Expired 3/19/02 at full term | 4,506,274 (549007) |
| | Computer Terminal Controller & Method | 5/3/88 (8/20/84) | U.S. - Issued | 4,742,477 (06/642,438) |
| | Printing Apparatus & Method | 7/25/89 (5/15/87) | U.S. - Issued | 4,851,864 (07/051,046) |
| | Printing Apparatus & Method | 12/25/90 (3/22/89) | U.S. - Issued | 4,980,704 (07/327,295) |
| | Still More Feature for Improved Definition Television Digital Processing Units, System, & Methods | 2/25/92 (3/1/90) | U.S. - Issued | 5,091,783 (07/486,663) |
| | Printing Apparatus & Method | 9/18/90 (3/22/89) | U.S. - Issued | 4,958,171 (07/327,024) |
| | Printing Apparatus & Method | 4/30/91 (3/22/89) | U.S. - Issued | 5,012,261 (07/327,256) |
| | Printing Apparatus & Method (ATB Printer) | 5/28/91 (3/22/89) | U.S. - Expired 5/28/99 | 5,019,841 (327232) |
| | Printing Apparatus & Method with Interrupted Protection & Automated Unattended Secure Operations | 8/10/93 (9/21/92) | U.S. - Issued | 5,235,676 (07/947,965) |

| Company/Grantor | Patent | Issue Date/ (Filing Date) | Status | Patent No./ (App. No.) |
|-----------------|---|------------------------------|---|---------------------------|
| | Component Location Device and Method for Surface - Mount Printed Circuit Boards | 1/15/91 (3/1/88) | U.S. - Issued | 4,985,107 (07/162,427) |
| | Apparatus & Method for Controlling Functions of Automated Gas Cabinets | 1/29/91 (5/17/89) | U.S. - Issued | 4,989,160 (07/194,828) |
| | Apparatus and Method for Controlling Functions of Automated Gas Cabinet | 5/2/95 (5/17/89) | U.S. - Issued | 1,335,457 |
| | Printing Device & Method Employing Latent Electrostatic Image Development and Separate Toner - Brush Operational Cycle | 8/15/89 (5/12/88) | U.S. - Issued | 4,857,945 (07/193,352) |
| | Printing Apparatus (ATB Printer) | 10/9/90 (5/12/88) | U.S. - Issued | 4,962,393 (07/193,747) |
| | Data Processing Systems Having Automatic Configuration | 5/13/86 (8/4/83) | U.S. - Issued | 4,589,063 (06/520,354) |
| | Printer & Method (Escrow Printer) | 5/22/90 (2/3/89) | U.S. - Issued | 4,928,133 (07/306,804) |
| | Process Gas Distribution System & Method with Supervisory Control | 6/15/93 (8/31/90) | U.S. - Issued | 5,220,517 (07/576,067) |
| | Process Gas Distribution System and Method with Automatic Transducer Zero Calibration (Zero Calibration)(Cont-S/N 08-242,805) | 8/12/97 (4/15/96) | U.S. - Issued | 5,657,254 (08/632,708) |
| | Process Gas Distribution System and Method with Gas Cabinet Exhaust Flow Control System & Method | 7/12/94 (1/13/93) | U.S. - Issued | 5,329,463 (08/003,550) |
| | Process Gas Distribution (Continuation Application) | 3/5/96 (4/4/95) | U.S. - Expired | 5,497,316 (08/416,511) |
| | Core Memory Wire Guide and Support and Utilization Method | 11/19/93 | U.S. - Expired | 5,260,893 |
| | Airline Ticket Printer with Stepper Motor for Selectively Engaging Print Head and Platen | 5/3/94 (8/25/92) | U.S. - Issued | 5,309,176 (07/934,361) |
| | Airline ticket printer with ticket pre-staging | 2/4/97 (4/29/94) | U.S. - Issued | 5,599,117 (08/235,497) |
| | Printer with offset magnetic recorder drive means | 10/6/98 (6/6/95) | U.S. - Issued/security interest improperly filed in favor of Ohio Mattress Co. to Morgan Guaranty Trust | 5,818,022 (08/468,842) |
| | Airline Ticket Printer with offset drive means | 12/2/97 (6/6/95) | U.S. - Issued | 5,692,845 (08/467,701) |

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| | Airline Ticket Printer with ticket pre-staging and recirculation | 11/4/97 (6/6/95) | U.S. - Issued | 5,684,285 (08/468,432) |
| | 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) | U.S. - Issued | 5,664,073 (08/470,919) |
| | Device for removing ticket blanks from ticket cassette | 3/28/00 (8/8/97) | U.S. - Issued | 6,042,285 (08/907,782) |
| | Zero Dead-Leg Gas Cabinet | 8/19/97 (6/17/96) | Issued - (Jointly Owned with BOC) | 5,657,786 (08/664,788) |
| | Zero Dead-Leg Valve Structure | 8/18/98 (12/31/96) | U.S. - Issued- (Jointly Owned with BOC) | 5,794,659 (08/777,837) |
| | Preservation System for Volatile Memory with Nonvolatile Backup Memory | 5/21/96 (9/28/94) | U.S. - Issued | 5,519,663 (08/314,158) |
| | Fiber-Optic Cable Dispenser and Remotely Controlled Vehicle Using Same | 10/21/97 (7/26/96) | U.S. - Issued to D. Porter, then assigned to SCI Systems, Inc., USPTO incorrectly filed as SCI Industries, Inc. - certificate of correction in process. | 5,678,785 (09/690,218) |
| | Printed Circuit Board Screen Printer Vacuum Holding Apparatus | 8/11/98 (1/24/95) | U.S. - Issued | 5,792,268 (08/378,988) |
| | Electrical component mounting assembly including special guide structure for receiving a component package regardless of orientation of the package relative to the guides | 3/14/00 (1/13/98) | U.S. - Issued | 6,038,131 (9/006,514) |
| Hadco Santa Clara, Inc. | Capacitor laminate for use in Capacitive printed circuit boards, and Methods of Manufacture | 10/13/92 (5/10/90) | U.S. - Issued | 5,155,655 (07/521,588) |
| | Capacitor laminate for use in Capacitive printed circuit boards, and Methods of Manufacture | 11/3/92 (1/22/92) | U.S. - Issued | 5,161,086 (07/823,865) |
| | Circuit Boards Including Capacitive Coupling for Signal Transmission and Methods of Use and Manufacture | 11/14/95 (2/3/93) | U.S. - Issued | 5,466,892 (08/013,076) |

| Company/Grantor | Patent | Issue Date/ (Filing Date) | Status | Patent No./ (App. No.) |
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| | In Situ Method for Forming a Capacitive PCB | 11/16/93 (4/6/92) | U.S. - Issued | 5,261,153 (07/864,440) |
| | Process Gas Distribution System & Method with Automatic Transducer Zero Calibration | 5/13/94 (4/16/96) | U.S. - Issued | 5,508,947 (08/242,805) |
| | Knee Pad | 7/3/01 (5/31/00) | U.S. - Issued | 6,253,376 (09/583,750) |
| | Authentication Device, System, & Methods | (1/15/03) | U.S. - Pending | (10/346,402) |
| | Method for Optimizing High Frequency Performance of Via Structures | 7/24/07 (3/6/03) | U.S. - Issued | 7,249,337 (10/383,139) |
| | Annular Resistor Coupled with printed circuit board Through-hole | 9/13/94 (4/7/93) | U.S. - Issued | 5,347,258 (08/044,301) |
| | Annular Circuit Components Coupled with PCB Through Hole | 1/13/98 (7/8/96) | U.S. - Issued | 5,708,569 (08/677,610) |
| | Method of Making Rigid Flex Printed Circuit Board | 9/8/92 (2/27/91) | U.S. - Issued | 5,144,742 (07/661,983) |
| | Method and Apparatus for Forming Plugs in Vias of a printed circuit board layer | 8/21/01 (9/24/98) | U.S. - Issued | 6,276,055 (09/159,429) |
| | Capacitor Laminate For Use In Capacitive PCBs and Method of Manufacture | 1/7/92 (8/23/89) | U.S. - Issued | 5,079,069 (07/397,518) |
| | Current Mode Coupler Having A Unitary Casing | 09/21/04 (4/19/02) | U.S. - Issued | 6,794,769 (10/126,168) |
| Sanmina-SCI Corporation | Laser Trimming of Annular Passive Components | 12/6/05 (11/21/02) | U.S. - Issued | 6,972,391 (10/302,099) |
| | Authentication Device, System and Methods | (1/15/03) | U.S. - Pending | (10/346,402) |
| | Flexible Film Semiconductor Chip Carrier | 7/21/87 (5/21/86) | U.S. - Issued | 4,681,654 (06/865,316) |
| | Simultaneous Multiple Level Interconnection Process | 6/20/89 (10/19/88) | U.S. - Issued | 4,840,923 (07/262,208) |
| | Linear Guidance Unit | 6/19/90 | U.S. - Issued To SSCI ? | 4,934,835 |
| | Method for Depositing a Metal Layer on Polyesters | 4/3/84 (7/9/82) | U.S. - Issued | 4,440,801 (06/396,922) |
| | Method of Fabricating a Printed Circuitry Substrate | 6/14/88 (5/1/86) | U.S. - Issued | 4,750,262 (06/857,870) |
| | Interpretive Simulation of Software Download Process | 7/3/07 (7/25/00) | U.S. - Issued | 7,240,336 (09/624,831) |
| | Current Mode Coupler | (5/1/01) | U.S. - Expired | (60/287,771) |
| | DUPLICATE- See entry that is 10 entries above | | | |
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| | Apparatus for Stiffening a Circuit Board | 4/19/05 (10/4/02) | U.S. - Issued | 6,880,243 (10/264,362) |
| | Current Mode Coupler with Retaining Spring | (11/30/01) | U.S. - Expired | (60/334,562) |
| | Circuit Board Standoff | 8/2/05 (10/4/02) | U.S. - Issued | 6,923,691 (10/264,368) |
| | Circuit Board Thread Plate | 3/18/08 (10/4/02) | U.S. - Issued | 7,345,247 (10/264,366) |
| | Capacitive Printed Circuit Board With Internal Capacitive Laminate | 2/9/99 (6/23/97) | U.S. - Issued | 5,870,274 (08/880,661) |
| | Cooling Airflow Distribution Device | 1/14/03 (8/10/01) | U.S. - Issued | 6,506,111 (09/927,659) |
| | Cooling Airflow Distribution Device | 11/25/03 (5/16/02) | U.S. - Issued | 6,652,373 (10/146,736) |
| | Cooling Airflow Distribution Device | 3/14/06 (12/31/03) | U.S. - Issued | 7,011,576 (10/482,832) |
| | Cooling Airflow Distribution Device | 11/25/03 (10/25/02) | U.S.-Issued | 6,652,374 (10/303,510) |
| | Chiller Plinth and Cabinet | (5/16/01) | U.S. - Completed | 60/291,447 |
| | Earthquake-Resistant Equipment Rack | 5/10/05 (12/20/01) | U.S. - Published | 6,889,853 (10/027,079) |
| | Integrated Cabinet For Containing Electronic Equipment | (10/24/03) | U.S. - Pending | (10/693,782) |
| | Integrated Cabinet for Containing Electronic Equipment | (10/25/02) | U.S. - Pending | (60/421,522) |
| | Global Rack System | (5/30/03) | U.S. - Pending | (60/474,561) |
| | Producing Viaholes in Plastic Sheets and Application of the Method | 5/30/89 (8/18/87) | U.S. - Issued | 4,834,835 (07/112,324) |
| | Stackable Electronic Assembly | 2/20/07 (9/5/03) | U.S. - Issued | 7,180,165 (10/656,452) |
| | Laser Trimming of Resistors | 9/6/05 (6/3/03) | U.S. - Issued | 6,940,038 (10/454,253) |
| | Cable Restraining Bracket | 9/03/02 (9/22/00) | U.S. - Issued | 6,443,404 (09/668,192) |
| | Electrical Conductor Strain Relief for a Printed Circuit Board | 9/24/02 (6/30/99) | U.S. - Issued | 6,454,596 (09/345,273) |
| | Test Socket for Ball Grid Array Electronic Module | 9/23/03 (7/5/01) | U.S. - Issued | 6,624,647 (09/899,691) |
| | 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. - Issued | 6,811,441 (10/417,521) |
| | Current Mode Coupler | 8/31/93 (12/11/91) | U.S. - Issued | 5,241,219 (07/804,696) |

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| | Current Mode Coupler | 9/2/03 | U.S. - Reissued | (90/005,960) |
| | Current Mode Coupler | 9/2/03 | U.S. - Reissued | (90/006,078) |
| | Optimized Via Structures | (3/06/03) | U.S. - Pending | (10/383,139) |
| | Cable Restraining Bracket DUPLICATE- See entry that is 10 entries above | 09/03/02 (9/22/00) | U.S.- Issued to FCI assignment to Sanmina-SCI Corporation in progress | 6,443,404 (09/668,192) |
| | Electrical Conductor Strain Relief For A Printed Circuit Board | 09/24/02 | U.S. – Issued to FCI; assignment to Sanmina-SCI Corporation in progress | 6,454,596 |
| | Test Socket For Ball Grid Array Electronic Module | 09/23/03 | U.S. – Issued to FCI; assignment to Sanmina-SCI Corporation in progress | 6,624,647 |
| | Interconnect For Electrically Connecting A Multichip Module To A Circuit Substrate & Processes For Making And Using Same | 08/26/03 (11/30/01) | U.S. – Issued to FCI; assignment to Sanmina-SCI Corporation in progress | 6,609,915 (10/000,819) |
| | Interconnect For Electrically Connecting A Multichip Module To A Circuit Substrate Process For Making And Using Same | (08/25/03) | U.S. - Pending; assignment to Sanmina-SCI Corporation in progress | (10/648,408) |
| | Electrical Cable Strain Relief And Electrical Closure | 11/2/04) (04/17/03) | U.S. - Issued; assignment to Sanmina-SCI Corporation in progress | 6,811,441 (10/417,521) |
| | Electrical Cable Strain Relief And Electrical Closure | (04/30/03) | U.S. - Pending; assignment to Sanmina-SCI Corporation in progress | (PCT/US2003/1 3826) |
| Hadco Corporation | Printed Circuit Board Having An Integrated Decoupling Capacitive Element | 11/10/92 (8/27/91) | U.S. - Issued | 5,162,977 (07/750,409) |

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| Zycon Corporation (merged into Hadco Corporation) | In Situ Method for Forming Bypass Capacitor Element Internally within a Capacitive PCB | 9/1/98 (11/3/93) | USCP | 5,800,575 (08/147,671) |
| Hadco Santa Clara, Inc. | Annular Circuit Components Coupled with printed circuit board Through-Hole | 2/18/97 (4/5/94) | U.S. - Issued | 5,603,847 (08/220,540) |
| | Forming Plugs in Vias of A Circuit Board Layers and Subassemblies | 9/4/01 (9/2/99) | U.S. - Issued | 6,282,782 (09/389,308) |
| Interworks Computer Products (merged into Viking Interworks Inc.) | Digital Signal Processing Assembly and Test Method | 1/30/01 (1/22/99) | U.S. - Issued | 6,181,004 (09/235,982) |
| Viking Interworks Inc. | Computer Cards with Integrated Connectors | (1/9/98) | U.S.- Pending | (09/004,837) |
| | High-Density Computer Modules with Double-Layer Packaging | 7/25/00 (4/4/98) | U.S. - Issued | 6,094,355 (09/055,193) |
| | High-Density Computer Module with Stacked Parallel-Plane Packaging | 4/24/01 (1/12/99) | U.S. - Issued | 6,222,739 (09/228,867) |
| | Multi-Chip Package with Stacked Chips and Interconnect Bumps | 12/12/00 (12/8/98) | U.S. - Issued | 6,160,718 (09/207,490) |
| Hartzell Manufacturing, Inc. (now known as SCI Technology, Inc.) | Video cassette storage rack | 4/20/82 (2/22/80) | U.S. - Issued | D263907 (06/123,742) |
| | Cassette carrying case | 1/26/82 (12/13/79) | U.S. - Issued | D262752 (06/103,052) |
| | Cassette carrying case | 9/1/81 (6/20/79) | U.S. - Issued | D260454 (06/037,489) |
| | Computer system partitioning using data transfers routing mechanism | (8/16/01) | U.S. - Pending | (09/932,456) |
| Newisys, Inc. | Computer system partitioning using data transfers routing mechanism | (8/9/02) | U.S. - Pending | (PCT/US02/255 30) |
| | Methods and apparatus for speculative probing at a request cluster | 9/12/06 (3/22/02) | U.S. - Issued | 7,107,409 (10/106,426) |

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| | Methods and apparatus for speculative probing with early completion and delayed request | 9/5/06 (3/22/02) | U.S. - Issued | 7,103,725 (10/106,430) |
| | Methods and apparatus for speculative probing with early completion and early Request | 9/12/06 (3/22/02) | U.S. - Issued | 7,107,408 (10/106,299) |
| | Method and apparatus for static and dynamic power management of computer systems | 1/10/06 (7/1/02) | U.S. - Issued | 6,986,069 (10/188,271) |
| | Methods and apparatus for speculative probing of a remote cluster | 3/8/05 (5/28/02) | U.S. - Issued | 6,865,595 (10/157,340) |
| | Method and apparatus for responding to request cluster | 7/1/08 (5/13/02) | U.S. - Issued | 7,395,379 (10/145,439) |
| | Method and apparatus responding to a request cluster | (5/13/02) | U.S. - Pending | (10/145,438) |
| | Methods and apparatus for speculative probing of a remote cluster | 9/15/06 (5/28/02) | U.S. - Issued | 7,103,636 (10/157,388) |
| | Interrupt handling in systems having multi-processor clusters | 5/2/06 (7/19/02) | U.S. - Issued | 7,039,740 (10/200,471) |
| | Transaction management in systems having multiple multi-processor clusters | 12/26/06 (5/28/02) | U.S. - Issued | 7,155,525 (10/157,384) |
| | Routing mechanisms in systems having multiple multi-processor clusters | 10/9/07 (5/28/02) | U.S. - Issued | 7,281,055 (10/156,893) |
| | Address spaces management in systems having multiple multi-processor clusters | 7/31/07 (5/28/02) | U.S. - Issued | 7,251,698 (10/157,409) |
| | Method and apparatus for distributing system management signals | (11/19/02) | U.S. - Pending | (10/300,408) |
| | Methods and apparatus for distributing system management signals | 8/26/08 (1/30/03) | U.S. - Issued | 7,418,617 (10/356,393) |
| | Transaction processing using multiple protocol engines in systems having multiple multi-processor clusters | (11/5/02) | U.S. - Pending | (10/289,492) |
| | Cache coherence directory eviction mechanisms in multiprocessor systems which maintain transaction ordering | 8/23/05 (11/5/02) | U.S. - Issued | 6,934,814 (10/289,499) |

| Company/Grantor | Patent | Issue Date/ (Filing Date) | Status | Patent No./ (App. No.) |
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| | Cache coherence directory eviction mechanisms for unmodified copies of memory lines in multiprocessor systems | 7/19/05 (11/5/02) | U.S. - Issued | 6,920,532 (10/289,521) |
| | Cache coherence directory eviction mechanisms for unmodified copies of memory lines in multiprocessor systems | 8/2/05 (11/5/02) | U.S. - Issued | 6,925,536 (10/289,497) |
| | Method and apparatus for canceling a memory data fetch | 1/9/07 (12/16/02) | U.S. - Issued | 7,162,589 (10/321,078) |
| | Methods and apparatus for multiple cluster locking | 9/27/05 (11/8/02) | U.S. - Issued | 6,950,913 (10/291,895) |
| | Methods and apparatus for managing probe requests | 2/21/06 (11/4/02) | U.S. - Issued | 7,003,633 (10/288,347) |
| | Methods and apparatus for managing probe requests | 9/5/06 (11/4/02) | U.S. - Issued | 7,103,726 (10/288,399) |
| | Disk drive backplane capable of supporting multiple disk drive carrier designs | (5/30/03) | U.S. - Pending | (60/474,859) |
| | Managing i/o accesses in multiprocessor systems | 5/16/06 (4/15/03) | U.S. - Issued | 7,047,372 (10/414,834) |
| | Dynamic multiple cluster system reconfiguration | (6/27/03) | U.S. - Pending | (10/607,819) |
| | Methods for apparatus for sending targeted probes | 2/26/08 (6/27/03) | U.S. - Issued | 7,337,279 (10/608,846) |
| | Managing spares directory evictions in multiprocessor systems via memory locking | 4/4/06 (4/24/03) | U.S. - Issued | 7,024,521 (10/422,514) |
| | Methods and apparatus for providing cache state information | 9/18/07 (4/28/03) | U.S. - Issued | 7,272,688 (10/426,084) |
| | Methods and apparatus for maintaining remote cluster state information | 3/18/08 (5/9/03) | U.S. - Issued | 7,346,744 (10/435,072) |
| | Methods and apparatus for providing cache state information | 2/19/08 (5/20/03) | U.S. - Issued | 7,334,089 (10/442,845) |
| | Methods and apparatus for extended packet communications between multiprocessor clusters | 6/27/06 (6/12/03) | U.S. - Issued | 7,069,392 (10/462,015) |

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| | Bandwidth, framing and error detection in communications between multi-processor clusters of multi-cluster computer systems | 6/10/08 (6/23/03) | U.S. - Issued | 7,386,626 (10/602,280) |
| | Mounting power handling components on printed circuit boards near high density routing channels | 3/28/06 (6/23/03) | U.S. - Issued | 7,019,983 (10/602,366) |
| | Multi-processing in a bios environment | 3/20/07 (6/23/03) | U.S. - Issued | 7,194,660 (10/602,396) |
| | Method, software and system for a modular computer diagnostics framework | (7/19/02) | U.S. - Pending | (10/199,940) |
| | Method and software protocols for control of a computer diagnostic framework across processors | (7/19/02) | U.S. - Pending | (10/199,632) |
| | Computer server architecture and diagnostic framework for testing same | 7/18/06 (7/19/02) | U.S. - Issued | 7,080,284 (10/199,938) |
| | Method of using three push buttons and an lsd display to enter data into a headless server computer (provisional) | (8/12/02) | U.S. - Pending | (60/402,685) |
| | Realistic hardware images for presentation of system status (provisional) | (8/12/02) | U.S. - Pending | (60/402,686) |
| | Method of using three push buttons and an lsd display to enter data into a headless server computer | (4/1/03) | U.S. - Pending | (10/404,810) |
| | Method and equipment adopted for monitoring system components of a data processing system | 6/10/08 (4/1/03) | U.S. - Issued | 7,386,796 (10/404,809) |
| | Method , system, software, and processor for initializing information systems operating in headless and non-headless environments | 5/29/07 (4/11/03) | U.S - Issued | 7,225,327 (10/417,248) |
| | Facilitating replication of a service processor configuration | (6/5/03) | Pending | TBP |

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| | A means for abstracting access to i/o for distributed service processing | (2/21/03) | U.S. - Pending | (10/371,090) |
| | Computer system partitioning using data transfers routing mechanism | (8/9/02) | U.S. - Pending | (2002324671) |
| | Computer system partitioning using data transfers routing mechanism | (8/9/02) | U.S. - Pending | (2,457,666) |
| Hadco Corporation | Computer system partitioning using data transfers routing mechanism | (8/9/02) | Pending | (02759329.2) |
| Zycon Corporation (merged into Hadco Corporation) | Computer system partitioning using data transfers routing mechanism | (8/9/02) | Pending | (2003-521964) |
| | Disk drive backplane capable of supporting multiple disk drive carrier designs | 11/29/05 (6/23/03) | U.S. - Issued | 6,970,352 (10/602,453) |
| Hadco Santa Clara, Inc. | Methods and devices for commands in systems having multiple multi-processor clusters | 5/22/07 (8/5/03) | U.S. - Issued | 7,222,262 (10/635,700) |
| | Methods and apparatus for providing early responses from a remote data cache | 7/24/07 (8/5/03) | U.S. - Issued | 7,249,224 (10/635,703) |
| | Communication between multi-processor clusters of multi-cluster computer systems | 9/5/06 (8/5/03) | U.S. - Issued | 7,103,823 (10/635,884) |
| | Synchronized communication between multi-processor clusters of multi-cluster computer systems | 1/2/07 (8/5/03) | U.S. - Issued | 7,159,137 (10/635,705) |
| | Communication between and within multi-processor clusters of multi-cluster computer systems | 7/1/08 (8/5/03) | U.S. - Issued | 7,395,347 (10/635,744) |
| | Reliable communication between multi-processor clusters of multi-cluster computer systems | 10/3/06 (8/5/03) | U.S. - Issued | 7,117,419 (10/635,793) |
| | Histogram performance counters for use in transaction latency analysis | (2/9/04) | U.S. - Pending | (10/775,974) |
| | Hyper-transfer link interposer board | 9/12/06 (4/29/04) | U.S. - Issued | 7,106,600 (10/835,802) |
| | Hypertransport data credit pooling for point-to-point links | (8/12/04) | U.S. - Pending | (10/918,771) |
| | Methods and Apparatus for Multiple Cluster Locking | (11/8/02) | U.S. - Pending | (10/291,895) |