Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------------------------|
| NATURE OF CONVEYANCE: | Security Agreement - Second Lien |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| PEM Management, Inc. | 05/25/2005 |

RECEIVING PARTY DATA

| Name: | Credit Suisse, as Collateral Agent | |
|-----------------|------------------------------------|--|
| Street Address: | Eleven Madison Avenue | |
| City: | New York | |
| State/Country: | NEW YORK | |
| Postal Code: | 10010 | |

PROPERTY NUMBERS Total: 19

| Property Type | Number |
|---------------------|-----------|
| Application Number: | 60594706 |
| Application Number: | 11042097 |
| PCT Number: | US0504016 |
| Application Number: | 60650519 |
| Application Number: | 10479048 |
| Application Number: | 10920426 |
| Application Number: | 60620345 |
| Application Number: | 10457403 |
| Application Number: | 10362098 |
| Application Number: | 60590354 |
| Application Number: | 10415938 |
| Application Number: | 60625094 |
| Application Number: | 10506996 |
| Application Number: | 10813046 |
| PCT Number: | US0410096 |

PATENT

500036336 **REEL: 016167 FRAME: 0599**

| Application Number: | 11066452 | |
|---------------------|-----------|--|
| PCT Number: | US0508475 | |
| Application Number: | 10503628 | |
| Application Number: | 10787290 | |

CORRESPONDENCE DATA

Fax Number: (866)459-2899

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

Phone: 202-783-2700

Email: pagodoa@federalresearch.com

Correspondent Name: CBC Companies dba Federal Research Address Line 1: 1030 Fifteenth Street, NW, Ste 920

Address Line 2: attn: Penelope J.A. Agodoa

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

NAME OF SUBMITTER: Penelope J.A. Agodoa Total Attachments: 11 source=333086#page1.tif

source=333086#page2.tif source=333086#page3.tif source=333086#page4.tif source=333086#page5.tif source=333086#page6.tif source=333086#page7.tif source=333086#page8.tif source=333086#page9.tif source=333086#page10.tif source=333086#page11.tif

 $\underline{\text{PATENTS}}$ All issued and pending Patents are owned by PEM Management, Inc.

| ISSUED PATENTS | | | | |
|--------------------------------------|-------------------|------------|-----------|--|
| TITLE | REGISTRATION DATE | PATENT NO. | COUNTRY | |
| 12-Step Commutation Device | 8/10/1991 | 1,290,382 | Canada | |
| 12-Step Commutation Device | 1/3/1998 | 1741214 | Japan | |
| Electrical Connector Panel | 2/13/1996 | 2,058,606 | Canada | |
| Electrical Connector Panel | 5/8/1996 | 0507048 | Europe | |
| | | | (Belgium) | |
| Electrical Connector Panel | 10/29/1994 | NI66778 | Taiwan | |
| PEMSERTER 1000 Press | 8/29/1986 | 3629515 | Germany | |
| PEMSERTER 1000 Press | 1/15/1991 | 1,279,037 | Canada | |
| Progressively-Formed Threaded Insert | 4/21/2000 | 3057565 | Japan | |
| Progressively-Formed Threaded Insert | 10/31/2002 | 71894 | Singapore | |

| PENDING PATENT APPLICATIONS | | | | |
|--------------------------------|----------|------------------|-----------|--|
| | FILING | | | |
| TITLE | DATE | SERIAL NO. | COUNTRY | |
| Captive Blind Connector | 4/29/05 | 60/594,706 | U.S. | |
| Circuit Board Mounting Bracket | 1/26/04 | 11/042,097 | U.S. | |
| Circuit Board Mounting Bracket | 2/11/05 | PCT/US05/004016 | U.S./PCT | |
| Circuit Board Mounting Bracket | 2/4/05 | PENDING | Malaysia | |
| Circuit Board Mounting Bracket | 2/14/05 | 94104140 | Taiwan | |
| Circuit Board Mounting Bracket | 2/16/05 | 097799 | Thailand | |
| Clinch/Broach Connector | 2/8/05 | 60/650,519 | U.S. | |
| Clinch-Type Blind Nut | 7/14/03 | PI 20032616 | Malaysia | |
| Clinch-Type Blind Nut | 7/8/03 | 092118581 | Taiwan | |
| Clinch-Type Blind Nut | 7/11/03 | 083765 | Thailand | |
| Clinch-Type Blind Nut | 2/11/05 | 03726766.3 | Europe | |
| Clinch-Type Blind Nut | 3/24/05 | 7005040/2005 | S. Korea | |
| Clinch-Type Blind Nut | PENDING | PENDING | China | |
| Clinch-Type Blind Nut | 3/10/05 | PENDING | Singapore | |
| Clinch-Type Blind Nut | 5/12/03 | 2,495,305 | Canada | |
| Clinch-Type Blind Nut | 2/17/05 | PA/a/2005/001932 | Mexico | |
| Clinch-Type Blind Nut | PENDING | PENDING | Japan | |
| Clinch-Type Blind Nut | 5/23/03 | 2003228988 | Australia | |
| Cold-Headed Standoff | 11/26/03 | 10/479,048 | U.S. | |
| Cold-Headed Standoff | 3/31/03 | PI 20031189 | Malaysia | |
| Cold-Headed Standoff | 4/24/03 | 092109584 | Taiwan | |
| Cold-Headed Standoff | 4/10/03 | 081637 | Thailand | |
| Cold-Headed Standoff | 3/1/04 | 03784731.6 | Europe | |
| Cold-Headed Standoff | 4/9/04 | 7005237-2004 | Korea | |
| Cold-Headed Standoff | 4/2/04 | 03801228.6 | China | |
| Cold-Headed Standoff | 3/18/04 | 200401476-7 | Singapore | |
| Cold-Headed Standoff | 3/18/03 | 2,454,527 | Canada | |

[[2515085]]

| PENDING PATENT APPLICATIONS | | | | |
|---|-------------|------------------|----------------|--|
| | FILING | | | |
| TITLE | <u>DATE</u> | SERIAL NO. | <u>COUNTRY</u> | |
| Cold-Headed Standoff | 12/18/03 | PA/a/2003/011863 | Mexico | |
| Cold-Headed Standoff | 3/10/04 | 2004-527534 | Japan | |
| Double Flush Clinch Stud | 10/21/04 | 60/620,345 | U.S. | |
| Floating Captivated Wrenchable Nut | 6/2/03 | 2,430,730 | Canada | |
| Floating Captivated Wrenchable Nut | 6/18/03 | PA/a/2003/005501 | Mexico | |
| Hybrid Panel Fastener With Snap-On Cap | 9/5/03 | 02731322.0 | Europe | |
| Hybrid Panel Fastener With Snap-On Cap | 10/2/03 | 7012950/2003 | Korea | |
| Hybrid Panel Fastener With Snap-On Cap | 4/12/02 | 2,442,091 | Canada | |
| Hybrid Panel Fastener With Snap-On Cap | 10/16/03 | PA/a/2003/009500 | Mexico | |
| Hybrid Panel Fastener With Snap-On Cap | 9/29/03 | 583831 | Japan | |
| Hybrid Panel Fastener With Snap-On Cap | 10/16/03 | 02808318.0 | China | |
| Hybrid Panel Fastener With Snap-On Cap | 4/19/02 | PI 20021446 | Malaysia | |
| Hybrid Panel Fastener With Snap-On Cap | 4/18/02 | 073141 | Thailand | |
| Method for Installing Blind Threaded Inserts | 4/23/04 | PI20041482 | Malaysia | |
| Method for Installing Blind Threaded Inserts | 4/26/04 | 93111592 | Taiwan | |
| Method for Installing Blind Threaded Inserts | 4/28/04 | 090453 | Thailand | |
| Method of Attaching a Captive Panel | 8/18/04 | 10/920,426 | U.S. | |
| Fastener to a Circuit Board | | | | |
| Multi-Resolution Reflective Optical Incremental | 6/10/03 | 10/457,403 | U.S. | |
| Encoder | | | | |
| Quick Access Rubber Panel Fastener | 2/21/03 | 10/362,098 | U.S. | |
| Quick Access Rubber Panel Fastener | 10/4/01 | PI 20014640 | Malaysia | |
| Quick Access Rubber Panel Fastener | 9/24/01 | 068574 | Thailand | |
| Quick Access Rubber Panel Fastener | 5/27/02 | 01968847.2 | Europe | |
| Quick Access Rubber Panel Fastener | 2/25/03 | 7002736/2003 | Korea | |
| Quick Access Rubber Panel Fastener | 2/6/03 | 530539 | Japan | |
| Quick Access Rubber Panel Fastener | 3/20/03 | 01816040.9 | China | |
| Quick Access Rubber Panel Fastener | 1/20/03 | 2416834 | Canada | |
| Quick Access Rubber Panel Fastener | 3/19/03 | PA/a/2003/002430 | Mexico | |
| Quick-Turn Panel Fastener | 5/24/02 | PI 20021944 | Malaysia | |
| Quick-Turn Panel Fastener | 5/28/02 | 073965 | Thailand | |
| Quick-Turn Panel Fastener | 9/24/03 | 02744150.0 | Europe | |
| Quick-Turn Panel Fastener | 10/9/03 | 7013233/2003 | Korea | |
| Quick-Turn Panel Fastener | 5/14/02 | 2,442,707 | Canada | |
| Quick-Turn Panel Fastener | 11/21/03 | PA/a/2003/010659 | Mexico | |
| Quick-Turn Panel Fastener | 5/14/02 | 2002-592755 | Japan | |
| Quick-Turn Panel Fastener | 11/17/03 | 02810068.9 | China | |
| Rectangular Hole Snap-In Fastener | 1/24/01 | 2001-15158 | Japan | |
| Rectangular Hole Snap-In Fastener | 1/5/01 | 01100402.5 | Europe | |
| Resilient Sheet Metal Spike | 7/23/04 | 60/590,354 | U.S. | |
| Resilient Standoff Fastener | 5/7/03 | 10/415,938 | U.S. | |
| Resilient Standoff Fastener | 12/14/01 | PI 20015695 | Malaysia | |
| Resilient Standoff Fastener | 12/13/01 | 070362 | Thailand | |
| Resilient Standoff Fastener | 5/20/03 | 01270405.2 | Europe | |
| Resilient Standoff Fastener | 6/3/03 | 7007423/2003 | Korea | |

| PENDING F | PATENT APPLIC | CATIONS | |
|--|---------------|------------------|-----------|
| | FILING | | |
| TITLE | DATE | SERIAL NO. | COUNTRY |
| Resilient Standoff Fastener | 5/23/03 | 549427 | Japan |
| Resilient Standoff Fastener | 6/16/03 | 01820694.8 | China |
| Resilient Standoff Fastener | 12/4/01 | 2003 02881-8 | Singapore |
| Resilient Standoff Fastener | 12/4/01 | 2,429,547 | Canada |
| Resilient Standoff Fastener | 6/12/03 | PA/a/2003/005276 | Mexico |
| Rotatable Captivated Nut | 11/5/04 | 60/625,094 | U.S. |
| Sheet Metal Cable Hook | 9/9/04 | 10/506,996 | U.S. |
| Sheet Metal Cable Hook | 3/5/03 | PI 2003 0773 | Malaysia |
| Sheet Metal Cable Hook | 3/6/03 | 092104758 | Taiwan |
| Sheet Metal Cable Hook | 3/10/03 | 080758 | Thailand |
| Sheet Metal Cable Hook | 7/16/04 | 03744594.7 | Europe |
| Sheet Metal Cable Hook | 9/10/04 | 7014242/2004 | Korea |
| Sheet Metal Cable Hook | 9/10/04 | 03805750.6 | China |
| Sheet Metal Cable Hook | 2/13/03 | 200404597-7 | Singapore |
| Sheet Metal Cable Hook | 2/13/03 | 2,474,365 | Canada |
| Sheet Metal Cable Hook | 9/9/04 | PA/a/2004/008742 | Mexico |
| Sheet Metal Cable Hook | 9/6/04 | 2003-576775 | Japan |
| Sheet Metal Cable Hook | 7/21/04 | 402/MUMNP/2004 | India |
| Tool for Installing Blind Threaded Fasteners | 3/31/04 | 10/813,046 | U.S. |
| Tool for Installing Blind Threaded Fasteners | 4/23/04 | PI20041497 | Malaysia |
| Tool for Installing Blind Threaded Fasteners | 4/2/04 | 93110909 | Taiwan |
| Tool for Installing Blind Threaded Fasteners | 4/28/04 | 090452 | Thailand |
| Tool for Installing Blind Threaded Fasteners | 3/31/04 | PCT/US04/010096 | U.S./PCT |
| Turret Tool Holder for a Press | 2/28/05 | 11/066,452 | U.S. |
| Turret Tool Holder for a Press | 3/15/05 | PCT/US05/008475 | U.S./PCT |
| Turret Tool Holder for a Press | PENDING | PENDING | Malaysia |
| Turret Tool Holder for a Press | PENDING | PENDING | Taiwan |
| Turret Tool Holder for a Press | 4/20/05 | 099691 | Thailand |
| Two-Part Snap-Together Panel Fastener | 8/5/04 | 10/503,628 | U.S. |
| Two-Part Snap-Together Panel Fastener | 2/11/03 | PI 2003 0452 | Malaysia |
| Two-Part Snap-Together Panel Fastener | 2/7/03 | 079868 | Thailand |
| Two-Part Snap-Together Panel Fastener | 6/28/04 | 03704067.2 | Europe |
| Two-Part Snap-Together Panel Fastener | 7/16/04 | 7011531/2004 | Korea |
| Two-Part Snap-Together Panel Fastener | 8/3/04 | 03803217.1 | China |
| Two-Part Snap-Together Panel Fastener | 1/31/03 | 200404131-5 | Singapore |
| Two-Part Snap-Together Panel Fastener | 1/31/03 | 2,472,011 | Canada |
| Two-Part Snap-Together Panel Fastener | 8/5/04 | PA/a/2004/007573 | Mexico |
| Two-Part Snap-Together Panel Fastener | 7/21/04 | 2003-568258 | Japan |
| Windage Tray with Rotatable Captured Nut | 2/26/2004 | 10/787,290 | U.S. |

SECOND LIEN PATENT SECURITY AGREEMENT dated as of May 25, 2005, among PEM MANAGEMENT, INC., a Delaware corporation (the "Grantor") and CREDIT SUISSE, as collateral agent (in such capacity, the "Collateral Agent").

Reference is made to (a) the Second Lien Credit Agreement dated as of May 25, 2005 (as amended, supplemented or otherwise modified from time to time, the "Credit Agreement"), among PN Merger Sub Inc. ("Merger Sub"), Penn Engineering & Manufacturing Corp. ("Penn"), PEM Holding Co. ("Holdings"), the lenders party thereto (the "Lenders"), and Credit Suisse, as administrative agent and as Collateral Agent, and (b) the Second Lien Guarantee and Collateral Agreement dated as of May 25, 2005 (as amended, supplemented or otherwise modified from time to time, the "Collateral Agreement"), among Merger Sub, Penn, Holdings, the Subsidiaries party thereto and the Collateral Agent. The Lenders have agreed to extend credit to the Borrower subject to the terms and conditions set forth in the Credit Agreement. The obligations of the Lenders to extend such credit are conditioned upon, among other things, the execution and delivery of this Agreement. The Grantor is a Subsidiary of the Borrower, will derive substantial benefits from the extension of credit to the Borrower pursuant to the Credit Agreement and is willing to execute and deliver this Agreement in order to induce the Lenders to extend such credit. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Credit Agreement and Collateral Agreement, as applicable. Accordingly, the parties hereto agree as follows:

SECTION 1. *Terms*. Capitalized terms used in this Agreement and not otherwise defined herein have the meanings specified in the Collateral Agreement. The rules of construction specified in Section 1.01(b) of the Collateral Agreement also apply to this Agreement.

SECTION 2. Grant of Security Interest. As security for the payment or performance, as the case may be, in full of the Obligations, the Grantor, pursuant to the Collateral Agreement, hereby assigns and pledges to the Collateral Agent, its successors and assigns, for the ratable benefit of the Secured Parties, and hereby grants to the Collateral Agent, its successors and assigns, for the ratable benefit of the Secured Parties, a security interest in, all right, title or interest in or to any and all of the following assets and properties now owned or at any time hereafter acquired by the Grantor or in which the Grantor now has or at any time in the future may acquire any right, title or interest (collectively, the "Patent Collateral"):

(a) all letters patent of the United States or the equivalent thereof in any other country, all registrations and recordings thereof, and all applications for letters patent of the United States or the equivalent thereof in any other country, including registrations, recordings and pending applications in the United States Patent and Trademark Office or any successor or similar offices in any other country, including those listed on Schedule I (the "Patents"), and all reissues, continuations, divisions, continuations-in-part and the inventions disclosed or

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claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein;

provided, however, that the Patent Collateral shall not include any rights that would, but for this proviso, constitute Patent Collateral, to the extent, but only to the extent, that the terms thereof expressly or as a matter of law prohibit the pledge, grant of a security interest in or lien on, or the transfer, assignment or hypothecation by a Grantor of, such item (the "Excluded Collateral"), in each case in the manner contemplated hereby, unless a consent thereto shall have been obtained or the pledge, grant of security interest in or lien on or the transfer, assignment or hypothecation by a grantor of such item, is no longer prohibited as a matter of law; provided, further, that the Patent Collateral shall include all rights to Accounts and General Intangibles for money due or to become due under any Excluded Collateral and all other rights as to which any prohibition on such pledge, grant of a security interest in or lien on, or the transfer, assignment or hypothecation of, such item is ineffective, whether under of the New York UCC or otherwise, and shall also include all Proceeds of any such Excluded Collateral (with any such Excluded Collateral deemed to be Patent Collateral for this purpose); and provided, further, that at such time as the grant of a security interest in such Excluded Collateral would no longer result in the forfeiture thereof, or default thereunder, then the Collateral Agent's security interest therein shall automatically and without any further action attach and become fully effective at that time.

SECTION 3. Collateral Agreement. The security interests granted to the Collateral Agent herein are granted currently with, in furtherance and not in limitation of, the security interests granted to the Collateral Agent pursuant to the Collateral Agreement. The Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the Patent Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

SECTION 4. Intercreditor Agreement Governs. NOTWITHSTANDING ANYTHING HEREIN TO THE CONTRARY, THE LIEN AND SECURITY INTEREST GRANTED TO THE COLLATERAL AGENT, FOR THE BENEFIT OF THE SECURED PARTIES, PURSUANT TO THIS AGREEMENT AND THE EXERCISE OF ANY RIGHT OR REMEDY BY THE COLLATERAL AGENT AND THE OTHER SECURED PARTIES HEREUNDER ARE SUBJECT TO THE PROVISIONS OF THE INTERCREDITOR AGREEMENT. IN THE EVENT OF ANY CONFLICT OR INCONSISTENCY BETWEEN THE PROVISIONS OF THE INTERCREDITOR AGREEMENT AND THIS AGREEMENT, THE PROVISIONS OF THE INTERCREDITOR AGREEMENT SHALL CONTROL.

[Remainder of page intentionally left blank]

[[2511425]]

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

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

PEM MANAGEMENT, INC.,

| by | | |
|-------|------|-----------|
| Name: | | ***** |

CREDIT SUISSE, CAYMAN ISLANDS BRANCH, as Collateral Agent,

by ///

Name:

Title:

Title: ROBERT HETU DIRECTOR

by

Name: Title:

 $\underline{\text{PATENTS}}$ All issued and pending Patents are owned by PEM Management, Inc.

| ISSUED PATENTS | | | | |
|--------------------------------------|-------------------|------------|-----------|--|
| TITLE | REGISTRATION DATE | PATENT NO. | COUNTRY | |
| 12-Step Commutation Device | 8/10/1991 | 1,290,382 | Canada | |
| 12-Step Commutation Device | 1/3/1998 | 1741214 | Japan | |
| Electrical Connector Panel | 2/13/1996 | 2,058,606 | Canada | |
| Electrical Connector Panel | 5/8/1996 | 0507048 | Europe | |
| | | | (Belgium) | |
| Electrical Connector Panel | 10/29/1994 | NI66778 | Taiwan | |
| PEMSERTER 1000 Press | 8/29/1986 | 3629515 | Germany | |
| PEMSERTER 1000 Press | 1/15/1991 | 1,279,037 | Canada | |
| Progressively-Formed Threaded Insert | 4/21/2000 | 3057565 | Japan | |
| Progressively-Formed Threaded Insert | 10/31/2002 | 71894 | Singapore | |

| PENDING PATENT APPLICATIONS | | | | | |
|--------------------------------|----------|------------------|-----------|--|--|
| | FILING | | | | |
| TITLE | DATE | SERIAL NO. | COUNTRY | | |
| Captive Blind Connector | 4/29/05 | 60/594,706 | U.S. | | |
| Circuit Board Mounting Bracket | 1/26/04 | 11/042,097 | U.S. | | |
| Circuit Board Mounting Bracket | 2/11/05 | PCT/US05/004016 | U.S./PCT | | |
| Circuit Board Mounting Bracket | 2/4/05 | PENDING | Malaysia | | |
| Circuit Board Mounting Bracket | 2/14/05 | 94104140 | Taiwan | | |
| Circuit Board Mounting Bracket | 2/16/05 | 097799 | Thailand | | |
| Clinch/Broach Connector | 2/8/05 | 60/650,519 | U.S. | | |
| Clinch-Type Blind Nut | 7/14/03 | PI 20032616 | Malaysia | | |
| Clinch-Type Blind Nut | 7/8/03 | 092118581 | Taiwan | | |
| Clinch-Type Blind Nut | 7/11/03 | 083765 | Thailand | | |
| Clinch-Type Blind Nut | 2/11/05 | 03726766.3 | Europe | | |
| Clinch-Type Blind Nut | 3/24/05 | 7005040/2005 | S. Korea | | |
| Clinch-Type Blind Nut | PENDING | PENDING | China | | |
| Clinch-Type Blind Nut | 3/10/05 | PENDING | Singapore | | |
| Clinch-Type Blind Nut | 5/12/03 | 2,495,305 | Canada | | |
| Clinch-Type Blind Nut | 2/17/05 | PA/a/2005/001932 | Mexico | | |
| Clinch-Type Blind Nut | PENDING | PENDING | Japan | | |
| Clinch-Type Blind Nut | 5/23/03 | 2003228988 | Australia | | |
| Cold-Headed Standoff | 11/26/03 | 10/479,048 | U.S. | | |
| Cold-Headed Standoff | 3/31/03 | PI 20031189 | Malaysia | | |
| Cold-Headed Standoff | 4/24/03 | 092109584 | Taiwan | | |
| Cold-Headed Standoff | 4/10/03 | 081637 | Thailand | | |
| Cold-Headed Standoff | 3/1/04 | 03784731.6 | Europe | | |
| Cold-Headed Standoff | 4/9/04 | 7005237-2004 | Korea | | |
| Cold-Headed Standoff | 4/2/04 | 03801228.6 | China | | |
| Cold-Headed Standoff | 3/18/04 | 200401476-7 | Singapore | | |
| Cold-Headed Standoff | 3/18/03 | 2,454,527 | Canada | | |

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| PENDING PATENT APPLICATIONS | | | | |
|---|-------------|------------------|----------------|--|
| | FILING | | | |
| TITLE | <u>DATE</u> | SERIAL NO. | <u>COUNTRY</u> | |
| Cold-Headed Standoff | 12/18/03 | PA/a/2003/011863 | Mexico | |
| Cold-Headed Standoff | 3/10/04 | 2004-527534 | Japan | |
| Double Flush Clinch Stud | 10/21/04 | 60/620,345 | U.S. | |
| Floating Captivated Wrenchable Nut | 6/2/03 | 2,430,730 | Canada | |
| Floating Captivated Wrenchable Nut | 6/18/03 | PA/a/2003/005501 | Mexico | |
| Hybrid Panel Fastener With Snap-On Cap | 9/5/03 | 02731322.0 | Europe | |
| Hybrid Panel Fastener With Snap-On Cap | 10/2/03 | 7012950/2003 | Korea | |
| Hybrid Panel Fastener With Snap-On Cap | 4/12/02 | 2,442,091 | Canada | |
| Hybrid Panel Fastener With Snap-On Cap | 10/16/03 | PA/a/2003/009500 | Mexico | |
| Hybrid Panel Fastener With Snap-On Cap | 9/29/03 | 583831 | Japan | |
| Hybrid Panel Fastener With Snap-On Cap | 10/16/03 | 02808318.0 | China | |
| Hybrid Panel Fastener With Snap-On Cap | 4/19/02 | PI 20021446 | Malaysia | |
| Hybrid Panel Fastener With Snap-On Cap | 4/18/02 | 073141 | Thailand | |
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| Method for Installing Blind Threaded Inserts | 4/26/04 | 93111592 | Taiwan | |
| Method for Installing Blind Threaded Inserts | 4/28/04 | 090453 | Thailand | |
| Method of Attaching a Captive Panel | 8/18/04 | 10/920,426 | U.S. | |
| Fastener to a Circuit Board | | | | |
| Multi-Resolution Reflective Optical Incremental | 6/10/03 | 10/457,403 | U.S. | |
| Encoder | | | | |
| Quick Access Rubber Panel Fastener | 2/21/03 | 10/362,098 | U.S. | |
| Quick Access Rubber Panel Fastener | 10/4/01 | PI 20014640 | Malaysia | |
| Quick Access Rubber Panel Fastener | 9/24/01 | 068574 | Thailand | |
| Quick Access Rubber Panel Fastener | 5/27/02 | 01968847.2 | Europe | |
| Quick Access Rubber Panel Fastener | 2/25/03 | 7002736/2003 | Korea | |
| Quick Access Rubber Panel Fastener | 2/6/03 | 530539 | Japan | |
| Quick Access Rubber Panel Fastener | 3/20/03 | 01816040.9 | China | |
| Quick Access Rubber Panel Fastener | 1/20/03 | 2416834 | Canada | |
| Quick Access Rubber Panel Fastener | 3/19/03 | PA/a/2003/002430 | Mexico | |
| Quick-Turn Panel Fastener | 5/24/02 | PI 20021944 | Malaysia | |
| Quick-Turn Panel Fastener | 5/28/02 | 073965 | Thailand | |
| Quick-Turn Panel Fastener | 9/24/03 | 02744150.0 | Europe | |
| Quick-Turn Panel Fastener | 10/9/03 | 7013233/2003 | Korea | |
| Quick-Turn Panel Fastener | 5/14/02 | 2,442,707 | Canada | |
| Quick-Turn Panel Fastener | 11/21/03 | PA/a/2003/010659 | Mexico | |
| Quick-Turn Panel Fastener | 5/14/02 | 2002-592755 | Japan | |
| Quick-Turn Panel Fastener | 11/17/03 | 02810068.9 | China | |
| Rectangular Hole Snap-In Fastener | 1/24/01 | 2001-15158 | Japan | |
| Rectangular Hole Snap-In Fastener | 1/5/01 | 01100402.5 | Europe | |
| Resilient Sheet Metal Spike | 7/23/04 | 60/590,354 | U.S. | |
| Resilient Standoff Fastener | 5/7/03 | 10/415,938 | U.S. | |
| Resilient Standoff Fastener | 12/14/01 | PI 20015695 | Malaysia | |
| Resilient Standoff Fastener | 12/13/01 | 070362 | Thailand | |
| Resilient Standoff Fastener | 5/20/03 | 01270405.2 | Europe | |
| Resilient Standoff Fastener | 6/3/03 | 7007423/2003 | Korea | |

| PENDING PATENT APPLICATIONS FILING | | | | | |
|--|-----------|------------------|-----------|--|--|
| <u>TITLE</u> | DATE | SERIAL NO. | COUNTRY | | |
| Resilient Standoff Fastener | 5/23/03 | 549427 | Japan | | |
| Resilient Standoff Fastener | 6/16/03 | 01820694.8 | China | | |
| Resilient Standoff Fastener | 12/4/01 | 2003 02881-8 | Singapore | | |
| Resilient Standoff Fastener | 12/4/01 | 2,429,547 | Canada | | |
| Resilient Standoff Fastener | 6/12/03 | PA/a/2003/005276 | Mexico | | |
| Rotatable Captivated Nut | 11/5/04 | 60/625,094 | U.S. | | |
| Sheet Metal Cable Hook | 9/9/04 | 10/506,996 | U.S. | | |
| Sheet Metal Cable Hook | 3/5/03 | PI 2003 0773 | Malaysia | | |
| Sheet Metal Cable Hook | 3/6/03 | 092104758 | Taiwan | | |
| Sheet Metal Cable Hook | 3/10/03 | 080758 | Thailand | | |
| Sheet Metal Cable Hook | 7/16/04 | 03744594.7 | Europe | | |
| Sheet Metal Cable Hook | 9/10/04 | 7014242/2004 | Korea | | |
| Sheet Metal Cable Hook | 9/10/04 | 03805750.6 | China | | |
| Sheet Metal Cable Hook | 2/13/03 | 200404597-7 | Singapore | | |
| Sheet Metal Cable Hook | 2/13/03 | 2,474,365 | Canada | | |
| Sheet Metal Cable Hook | 9/9/04 | PA/a/2004/008742 | Mexico | | |
| Sheet Metal Cable Hook | 9/6/04 | 2003-576775 | Japan | | |
| Sheet Metal Cable Hook | 7/21/04 | 402/MUMNP/2004 | India | | |
| Tool for Installing Blind Threaded Fasteners | 3/31/04 | 10/813,046 | U.S. | | |
| Tool for Installing Blind Threaded Fasteners | 4/23/04 | PI20041497 | Malaysia | | |
| Tool for Installing Blind Threaded Fasteners | 4/2/04 | 93110909 | Taiwan | | |
| Tool for Installing Blind Threaded Fasteners | 4/28/04 | 090452 | Thailand | | |
| Tool for Installing Blind Threaded Fasteners | 3/31/04 | PCT/US04/010096 | U.S./PCT | | |
| Turret Tool Holder for a Press | 2/28/05 | 11/066,452 | U.S. | | |
| Turret Tool Holder for a Press | 3/15/05 | PCT/US05/008475 | U.S./PCT | | |
| Turret Tool Holder for a Press | PENDING | PENDING | Malaysia | | |
| Turret Tool Holder for a Press | PENDING | PENDING | Taiwan | | |
| Turret Tool Holder for a Press | 4/20/05 | 099691 | Thailand | | |
| Two-Part Snap-Together Panel Fastener | 8/5/04 | 10/503,628 | U.S. | | |
| Two-Part Snap-Together Panel Fastener | 2/11/03 | PI 2003 0452 | Malaysia | | |
| Two-Part Snap-Together Panel Fastener | 2/7/03 | 079868 | Thailand | | |
| Two-Part Snap-Together Panel Fastener | 6/28/04 | 03704067.2 | Europe | | |
| Two-Part Snap-Together Panel Fastener | 7/16/04 | 7011531/2004 | Korea | | |
| Two-Part Snap-Together Panel Fastener | 8/3/04 | 03803217.1 | China | | |
| Two-Part Snap-Together Panel Fastener | 1/31/03 | 200404131-5 | Singapore | | |
| Two-Part Snap-Together Panel Fastener | 1/31/03 | 2,472,011 | Canada | | |
| Two-Part Snap-Together Panel Fastener | 8/5/04 | PA/a/2004/007573 | Mexico | | |
| Two-Part Snap-Together Panel Fastener | 7/21/04 | 2003-568258 | Japan | | |
| Windage Tray with Rotatable Captured Nut | 2/26/2004 | 10/787,290 | U.S. | | |

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RECORDED: 06/20/2005