## PATENT ASSIGNMENT

#### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Teradyne, Inc.	11/30/2005

#### **RECEIVING PARTY DATA**

Name:	Amphenol Corporation
Street Address:	358 Hall Avenue
City:	Wallingford
State/Country:	CONNECTICUT
Postal Code:	06492

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12104925

#### **CORRESPONDENCE DATA**

Fax Number: (202)772-5858

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

Phone: 202-772-5800

Email: nelson-d@blankrome.com

Correspondent Name: Blank Rome LLP

Address Line 1: 600 New Hampshire Avenue NW

Address Line 4: Washington, DISTRICT OF COLUMBIA 20037

ATTORNEY DOCKET NUMBER: 124315.0735

NAME OF SUBMITTER: Peter S. Weissman

**Total Attachments: 33** 

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source=1243150735Assignment2Amphenol#page2.tif

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PATENT S01222893 REEL: 024631 FRAME: 0147

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RECORDATION FORI	NI COVER SHEET
PATENTS	ONLY
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Teradyne, Inc.	Name: Amphenol Corporation
	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): November 30, 2005	358 Hall Avenue
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Wallingford
Government Interest Assignment	State: Connecticut
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 06492
Other	Additional name(s) & address(es) Yes X No attached?
4. Application or patent number(s):  A. Patent Application No.(s)  12/104,925	This document is being filed together with a new application.  B. Patent No.(s)
Additional numbers attached?	
<ol><li>Name and address to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved:
Name: Peter S. Weissman BLANK ROME LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 124315.0735	
Street Address: 600 New Hampshire Ave., NW	Authorized to be charged to deposit account     Enclosed     None required (government interest not affecting title)
City: Washington	8. Payment Information
State: DC Zip: 20037	
Phone Number: (202) 772-5800	
Fax Number: (202) 572-1405	Deposit Account Number 23-2185
Email Address: Weissman@blankrome.com	Authorized User Name Peter S. Weissman
9. Signature: Signature	July 2, 2010 Date
Peter S. Weissman - 40,220	Total number of pages including cover 35
Name of Person Signing	sheet, attachments, and documents:

# INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT AND LICENSE AGREEMENT

This Intellectual Property Assignment Agreement and License Agreement (this "<u>Agreement</u>") is made this 30<sup>th</sup> day of November, 2005 (the "<u>Effective Date</u>"), by and between Teradyne, Inc., a Massachusetts corporation ("<u>Assignor</u>") and Amphenol Corporation, a Delaware corporation ("<u>Buyer</u>").

#### RECITALS

WHEREAS, Buyer and Teradyne, Inc. have entered into an Asset and Stock Purchase Agreement dated October 10, 2005 (the "<u>Purchase Agreement</u>"), pursuant to which Buyer shall purchase certain assets related to the Business (capitalized terms used herein and not otherwise defined shall have the respective meanings set forth in the Purchase Agreement);

WHEREAS, pursuant to the Purchase Agreement, Assignor desires to transfer and assign to Buyer, and Buyer desires to accept the transfer and assignment of all of Assignors' right, title and interest in and to the Purchased Intellectual Property including that Intellectual Property listed on Schedule A attached hereto, and to license to Buyer certain trademark rights for the use of those marks listed on Schedule C subject to certain conditions as identified herein;

WHEREAS, Buyer is willing to grant a limited license to Assignor with respect to certain Intellectual Property set forth on Schedule B transferred pursuant to the Purchase Agreement for internal use and for use in connection with its Products;

NOW, THEREFORE, for valuable consideration, the sufficiency of which is hereby mutually acknowledged, the parties agree as follows:

# 1. THE ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS BY ASSIGNOR TO BUYER

Pursuant and subject to the Purchase Agreement, Assignor does hereby transfer, assign, convey and deliver to Buyer, and its Affiliates, successors and assigns, and Buyer hereby accepts the transfer and assignment of all of Assignor's right, title and interest in, to and under the Purchased Intellectual Property including the Intellectual Property listed on Schedule A attached hereto, and including, to the extent included therein: (i) all of the goodwill associated therewith; (ii) all rights to recover for infringement associated therewith whether arising prior to or subsequent to the date of this Assignment; (iii) all inventions disclosed therein and all divisionals, continuations, continuations-in-part, substitutes, renewals, reissues, reexaminations or other applications which have been or may be filed in the United States or any foreign country on any of said inventions, (iv) all patents which may be granted therefore throughout the world, including the right to file applications and obtain patent grants, utility models, industrial models and designs for any of said inventions in its own name throughout the world, and (v) all rights of priority, all rights to publish cautionary notices reserving ownership of said inventions, and all rights to register said inventions in appropriate registries.

-1-

To the extent that this Agreement is not acceptable for purposes of recording in a necessary office to indicate transfer to Buyer of any of the Purchased Intellectual Property, including the Intellectual Property listed on Schedule A, then in addition to this Agreement and without limiting its obligations under Section 4, for a period of one hundred eighty (180) days after the Closing or such other time period reasonably necessitated or required by local jurisdiction in question to achieve the transfer, Assignor and its Affiliates agree to execute individual assignments of all of the Purchased Intellectual Property including the Intellectual Property listed on Schedule A attached hereto, with respect to those individual countries where this Agreement is not acceptable for recording, which assignments shall be executed, and, where required, notarized and/or legalized apostille, on behalf of Assignor. The form of assignment or transfer shall be that used customarily in the jurisdiction in question to achieve the transfer on the terms set forth above. Buyer and Assignor shall each be responsible for fifty percent (50%) of the costs of filing or recording the assignments of all of the Purchased Intellectual Property in a necessary office to indicate transfer to Buyer.

# 2. THE LICENSE OF INTELLECTUAL PROPERTY RIGHTS BY BUYER TO ASSIGNOR

Buyer hereby grants to Assignor and its Affiliates, and their permitted successors and assigns, a limited, non-exclusive, perpetual, irrevocable, worldwide, royalty-free, non-sublicensable license under the Intellectual Property Rights listed in <u>Schedule B</u>, to design, have designed, use, have used, manufacture, have manufactured, market, sell, offer to sell, distribute (directly and indirectly), import and export:

- (i) Assignor's and its Affiliates', current and future end products and/or subassemblies which contain a printed circuit board, backpanel, backplane, or equivalent structure;
- (ii) printed circuit boards, backpanels, backplanes, or equivalent structures, for use only in Assignor's and its Affiliates' current and future products, sold or provided as spare, repair or replacement parts;
- (iii) products used internally by Assignor and its Affiliates, or used internally by subcontractors, to manufacture products for Assignor and its Affiliates; and
- (iv) in the case of DesignLink software and its intellectual property identified in <u>Schedule</u> <u>B</u>, to be used internally by Assignor and its Affiliates or externally by their customers,

which, except for the limited license granted herein, would infringe a right conferred by the Intellectual Property Rights identified on <u>Schedule B</u>.

The rights granted hereunder are not intended to nor shall be they be construed to minimize or limit the noncompetition restrictions contained in Section 5.05(a) of the Purchase Agreement.

Assignor agrees that Buyer has no obligation to maintain or continue the prosecution of any provisional or pending patent applications listed in <u>Schedule B</u>; provided that, at least ninety (90) days before allowing any such provisional or pending applications to lapse, Buyer will provide notice to Assignor, whereupon Assignor will have the option to maintain or continue prosecution of such provisional or pending applications at Assignor's expense. In such an event,

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Assignor will assume all ownership rights in the provisional or pending applications and Buyer agrees to assign such ownership rights to Assignor; provided that, in such event Assignor shall grant Buyer a license under such Patent substantially similar to the license granted to Assignor in this Section 2.

Assignor acknowledges that a breach of the license granted by Buyer in this Section 2 may cause the Buyer irreparable damage, for which the award of damages alone may not be adequate compensation and the Buyer is therefore entitled to seek injunctive relief to enjoin the Assignor from violation of those provisions. Such injunctive relief remedy shall be cumulative and not exclusive and the Buyer is entitled to seek any other relief available to it at law or in equity.

# 3. THE LICENSE OF CERTAIN TRADEMARK RIGHTS BY ASSIGNOR TO BUYER

For a term of not more than two (2) years from the Effective Date, Assignor hereby grants to Buyer, and its Affiliates, successors and assigns, a non-exclusive, worldwide, royalty-free, non-transferable right and license to the rights Assignor has to the mark set forth on Schedule C (hereinafter "Licensed Mark") only on products formerly offered by Assignor's TCS division and only in conjunction with the word "Amphenol" (for example "an Amphenol TCS product" or "an Amphenol product formerly manufactured by TCS"). Buyer may continue to use Assignor's existing inventory of stationary, business cards, marketing literature, preprinted documents, and similar materials that are branded only with the Licensed Mark but not any other trademark of Assignor (for example, excluding any materials branded with the word "Teradyne") until such existing supply is exhausted. This license does not extend to the use by Buyer of the Licensed Mark on a stand-alone basis.

Buyer agrees that its use of the Licensed Mark will be in accordance with applicable law and Assignor's reasonable policies regarding advertising and trademark usage as published from time to time by Assignor. Buyer agrees to use the Licensed Mark in a manner reasonably consistent with the established standards of quality and goodwill associated with the Licensed Mark prior to the Effective Date. If, in Assignor's sole discretion, Assignor reasonably determines that Buyer's use of the Licensed Mark harms, tarnishes, dilutes or damages the goodwill associated with the Licensed Mark, Assignor shall notify Buyer in writing and Buyer shall correct any such use within ten (10) business days of receipt of such notice or Assignor may unilaterally terminate this license in the Licensed Mark.

In order to verify compliance with this Section 3 of this Agreement, Assignor may from time to time require that Buyer provide samples of Buyer's marketing materials that bear the Licensed Mark.

#### 4. FURTHER ASSURANCES

Assignor and Buyer hereby further agree, each for itself and its successors, assigns, and legal representatives, to execute upon request any other lawful documents and likewise to perform any other lawful acts that are necessary to secure fully the aforesaid rights, titles, and interests in and to said Purchased Intellectual Property.

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#### 5. EXECUTION OF COUNTERPARTS

This Assignment may be executed in one or more counterparts, each of which will be deemed to be an original copy of this Assignment and all of which, when taken together, will be deemed to constitute one and the same agreement. The exchange of copies of this Assignment and of signature pages by facsimile transmission shall constitute effective execution and delivery of this Assignment as to the parties and may be used in lieu of the original Assignment for all purposes. Signatures of the parties transmitted by facsimile shall be deemed to be their original signatures for all purposes.

## ENTIRE AGREEMENT; AMENDMENT

Together with the Purchase Agreement and the Ancillary Agreements (as defined therein), this document contains the entire agreement relating to the subject matter contained herein and supersedes all prior or contemporaneous agreements, written or oral, between the parties. This Agreement may not be modified except by written document signed by an authorized representative of each party.

#### 7. PRECEDENCE

This Agreement is executed and delivered pursuant to, and is subject to, the Purchase Agreement. In the event of any conflict between the terms of the Purchase Agreement and the terms of this Agreement, the terms of the Purchase Agreement shall prevail.

#### 8. SEVERABILITY

Any provision of this Agreement which is invalid, illegal or unenforceable in any jurisdiction shall, as to that jurisdiction, be ineffective to the extent of such invalidity, illegality or unenforceability, without affecting in any way the remaining provisions hereof in such jurisdiction or rendering that or any other provision of this Agreement invalid, illegal or unenforceable in any other jurisdiction.

#### 9. GOVERNING LAW

This Agreement shall be construed in accordance with and governed by the laws of the State of New York, without regard to the conflicts of law rules of such state.

#### 10. ASSIGNMENT

This Agreement and the rights and licenses hereunder granted are not assignable by Assignor without the written consent of Buyer except, with reasonable notice to Buyer: (i) to an Affiliate of Assignor; (ii) in connection with an assignment of all or substantially all of the assets of Assignor or a business division of Assignor.

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IN WITNESS WHERI executed and delivered as of N	November, 2005.
ASSIGNOR:	
TERADYNE, INC.	State of MASSAchusetts) ss.: County of Suffe K
By:	On this 30 day of NO3., 2005, before me, personally appeared Green Beecher of VP\$(Fo of Teradyne, Inc.) personally known to me (or proved to me on the basis of satisfactory evidence consisting of) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
	Witness my hand and official seal.  Mary Elizabeth MacDonald  Notary Public  Commonwealth of Massachusetts  Notary Fublic 625 (2016)  My Commission Expires Jun 25: 2010
BUYER:	
AMPHENOL CORPORATION	State of) ss.: County of)
By: Name: Title:	On this day of, 2005, before me, personally appeared, of, personally known to me (or proved to me on the basis of satisfactory evidence consisting of) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
	Witness my hand and official seal.
	Notary Public

SIGNATURE PAGE TO INTELLECTUAL PROPERTY ASSIGNMENT

IN WITNESS WHEREOF executed and delivered as of	, the parties have caused this ASSIGNMENT to be duly, 2005.
ASSIGNOR:	
TERADYNE, INC.	(State of) ss.: (County of)
By: Name: Title:	On thisday of, 2005, before me, personally appeared, of, personally known to me (or proved to me on the basis of satisfactory evidence consisting of) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument
	Witness my hand and official seal
	Notary Public
BUYER:	
AMPHENOL CORPORATION	(State of <u>Connecticut</u> ) ss.: Wallingford (County of <u>New Haven</u> )
By: //molky h lohane Name: Timothy F. Cohan Title: Executive V.P.	On this day of, 2005, before me, personally appeared TWOTHY F. CHANE, of AMPHENCLORPORATION personally known to me (or proved to me on the basis of satisfactory neevidence consisting of) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
	Witness my hand and official seal  May Com Chromes  Notary Public MARY CANN AFTOSMES  My Commission Expires: September 30, 2008

[SIGNATURE PAGE TO INTELLECTUAL PROPERTY ASSIGNMENT]

### SCHEDULE A

# Intellectual Property Assigned by Assignor to Buyer

#### Patents:

Case #	Country	Patent #	Issue Date	Filing Date	Status	
0007	CA	1274887	02-Oct-1990	07-Jan-1987	Granted	
0007	JP	OARD BACKPLA 1587364		10-Jan-1987	Granted	
0007	US	OARD BACKPLA 4686607	11-Aug-1987	08-Jan-1986	Granted	
Title:	DAUGHTER	OARD BACKPLA	THE WOSEMBET			

0008	CA	1312146	29-Dec-1992	22-Sep-1989	Granted	
Title:	PRINTED	CIRCUIT BOARDS	WITH IMPROVED	ELECTRICAL	CURRENT	CONTROL
ΛΛΛΩ	DE	4002025	11-Sep-1997	31-Jan-1990	Granted	
Title:	PRINTED	CIRCUIT BOARDS	WITH IMPROVED	ELECTRICAL	Granted	CONTROL
8000	FR	2642255	WEN HARDOVED			CÓNTROL.
		CIRCUIT BOARDS		26-Jan-1990	Granted	CONTROL
0008	GB	2229042 CIRCUIT BOARDS	WITH IMPROVED			CONTROL
0000	110	5038252	06-Aug-1991	26-Jan-1989	Granted	
Title:	PRINTED	CIRCUIT BOARDS	WITH IMPROVED	ELECTRICAL	CURRENT	CONTROL

0000	C4	1236187	03-May-1988	18-Nov-1986	Granted
0009	CA				
Title	BACKPI ANE-T	AUGHTER BOA	RD CONNECTOR	ξ	
I me.	DACKI DAILD L	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7007	10 Nov 1005	Grantad
0009	US	4659155	21-Apr-1987	12-1401-1202	Granico
0007		ATIOUTED DOA	P.D. CONNIECTOR	>	
Title:	BACKPLANE-L	AUGHTER BUA	RD CONNECTOR	•	
					<del></del>

			410.00	
0010 US 4871321 Title: ELECTRICAL CONNECTOR	03-Oct-1989	22-Mar-1988	Granted	ĺ
				1

0012	DE	4411187	05-Oct-2000	30-Mar-1994	Granted
	POWER FR	CONNECTOR 2703518	20-Sep-1996	31-Mar-1994	Granted
		CONNECTOR 2706619	09-Oct-1997	31-Mar-1994	Granted
		CONNECTOR 5360349	01-Nov-1994	31-Mar-1993	Granted
		CONNECTOR			

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Case #	Country	Patent #	Issue Date	Filing Date	Status
0016 Title:	US ELECTRICAL C	4909743 ONNECTOR	20-Mar-1990	14-Oct-1988	Granted
0017	CA	1245733	29-Nov-1988	16-Aug-1985	Granted
Title:	BACKPLANE C	ONNECTOR	<u> </u>		
		0110700	24 N 1000	21-Mar-1994	Granted
0057	CA	2119500	24-Nov-1998	21-14191-1334	Granica
	SHIELDED ELE	4410047D	28-Sep-2000	23-Mar-1994	Granted
0057	DE SHIELDED ELE			22	
	FR	2706223	04-Jul-1997	29-Mar-1994	Granted
0057	SHIELDED ELE				
0057	FR	2707045	23-Oct-1998	01-Jul-1994	Granted
Title:	SHIELDED ELE		ECTOR		
0057	GB	2276989	29-Jan-1997	25-Mar-1994	Granted
Title:	SHIELDED ELE	CTRICAL CON	NECTOR		
0057	JP	2739922	23-Jan-1998	04-Apr-1994	Granted
Title:	SHIELDED ELE		VECTOR	07. 4 1007	Crantad
0057	US	5403206	04-Apr-1995	02-Apr-1993	Granted
Title:	SHIELDED ELI	ECTRICAL CON	NECTOR	07-Jun-1995	Granted
0057	US	5605476	25-Feb-1997	07-3411-1993	Granted
1	SHIELDED ELI		16-Jan-1996	06-Mar-1995	Granted
0057	US SHIELDED ELI	5484310		00 11141 1222	
	US US	5607326	04-Mar-1997	17-Jun-1996	Granted
0057	SHIELDED ELI				
L Hit.	STREEDED OF	50.1140.115			•
1009	US	5704793	06-Jan-1998	17-Apr-1995	Granted
Title	HIGH SPEED,	HIGH DENSITY	CONNECTOR FO	OR ELECTRONI	C SIGNALS
1 1000	110	5820397	13-Oct-1998	21-Way-1991	Granicu
Title	: HIGH SPEED,	HIGH DENSITY	CONNECTOR FO	OR ELECTRONI	C SIGNALS
1011	DE	69510956.1	21-Jul-1999	04-Dec-1995	Granted
Title	: PRINTED CIRC				
1011	EP	00803136	21-Jul-1999	04-Dec-1995	Granted
Title	: PRINTED CIRC	CUIT BOARD CO	NNECTORS		Countrie
1011	FR	00803136	21-Jul-1999	04-Dec-1995	Granted
Title	: PRINTED CIR		NNECTORS	0/ D== 100F	Genetad
1011	GB	00803136	21-Jul-1999	04-Dec-1995	Granted
Title	: PRINTED CIR		INNECTORS	12 Ion 1005	Granted
1011	US	5595490	21-Jan-1997	13-Jan-1995	Giantou
Title	: PRINTED CIR	COLL BOARD CO	NNIECTORS		
		455445	05 1 10000	04 Mar 1004	Granted
1016	DE	0829117	05-Jul-2000	04-Mar-1996	, Granica
	: SURFACE MO	UNTED ELECTI	CICAL CONNEC	10K 04-Mar-1996	Granted
1016	GB	0829117	05-Jul-2000		, Gramou
\$	: SURFACE MC		28-Nov-2000	31-May-199	5 Granted
1016	US	6152742			v
Title	: SURFACE MC	MINIEN PRECI	MOND CONNEC		
1					

Case #	Country	Patent #	Issue Date	Filing Date	Status	
1016	US	6042386	28-Mar-2000		Granted	
Title:	SURFACE MOU	JNTED ELECTRIC	CAL CONNECTO	R		
		5672064	30-Sep-1997	21-Dec-1995	Granted	
041 Title:	US STIFFENER FO	R ELECTRICAL (		21-2700 1775		
054	US	5690504	25-Nov-1997	13-May-1996	Granted	
Title:	PLASTIC GUIE	E PIN WITH STE		-		<u> </u>
056	DE		28-May-2003	06-Feb-1997	Granted	
Title:	Electrical Conne	ector Assembled Fro 0890201	28-May-2003	06-Feb-1997	Granted	
Title:	FR	ector Assembled Fr 0890201	28-May-2003	06-Feb-1997	Granted	
1056	GB	ector Assembled Fr 0890201	28-May-2003	06-Feb-1997	Granted	
1056	IT		3 25-Aug-2003	06-Feb-1997	Granted	
1056	KR	ector Assembled Fr 319306	18-Dec-2001	06-Feb-1997	Granted	
1056	US	ector Assembled Fr 5702258	30-Dec-1997	28-Mar-1996	Granted	
1056	US I	ector Assembled Fr 5860816 ector Assembled Fr	19-Jan-1999	24-Nov-1997	Granted	
		£89£00£	23-Mar-1999	28-May-1996	Granted	
1085 Title:	US Electrical Conn	5885095 ector Assembly Wi	th Mounting Hard	ware And Protect	ive Cover	
	N 12	(00141325	02-May-2003	15-Jan-1998	Granted	
		igh Density Electric 1021854		15-Jan-1998		
		igh Density Electric		15-Jan-1998	Granted	
		1021854 igh Density Electric	al Connector	15-Jan-1998	Granted	
1091 Title:	GB High Speed, H	1021854 igh Density Electric	02-May-2003 cal Connector			
1091 Title:	MX High Speed,	212198 High Density Elect	17-Dec-2002 rical Connector	15-Jan-1998	Granted	
1091 Title:	US : High Speed, H	5993259 igh Density Electric	30-Nov-1999 cal Connector	07-Feb-1997	Granted	
1091	US	6238245 igh Density Electric	29-May-2001	26-Aug-1999	Granted	

Case #	Country	Patent #	Issue Date	Filing Date	Status
1103	DE	69805426	15-May-2002	15-Jan-1998	Granted
Title:	HIGH SPEED, HIC	JH DENSITY E	LECTRICAL CO	MINECION	Granted
1103	EP	1021855	15-May-2002	15-Jan-1998	Granted
Title:	HIGH SPEED, HIC	GH DENSITY E	LECTRICAL CO	NNECIOR	Constant
1103	FR	1021855	15-May-2002	15-Jan-1998	Granted
Title:	HIGH SPEED, HIG	3H DENSITY E	LECTRICAL CO	INNECTOR	C
1103	GB	1021855	15-May-2002	15-Jan-1998	Granted
Title:	HIGH SPEED, HIG	GH DENSITY E	LECTRICAL CO	INNECTOR	
1103	IE	1021855	15-May-2002	15-Jan-1998	Granted
Title:	HIGH SPEED, HIG	GH DENSITY E	LECTRICAL CO	ONNECTOR	
1103	MΧ	212197	17-Dec-2002	15-Jan-1998	Granted
Title:	HIGH SPEED, HIG	GH DENSITY E	ELECTRICAL CO	ONNECTOR	
1103	NI.	1021855	15-May-2002	15-Jan-1998	Granted
Title:	HIGH SPEED, HIG	GH DENSITY I	SLECTRICAL CO	ONNECTOR	
1103	SE	1021855	15-May-2002	15-Jan-1998	Granted
Title:	HIGH SPEED, HIG	GH DENSITY I	ELECTRICAL CO	ONNECTOR	
1103	US	5980321	09-Nov-1999	07-reb-1997	Granted
Title	HIGH SPEED, HIG	GH DENSITY I	ELECTRICAL CO	ONNECTOR	
1103	US	6299483	09-Oct-2001	26-Aug-1999	Granted
Title	HIGH SPEED, HI	GH DENSITY I	ELECTRICAL CO	ONNECTOR	
Title.	71101101200,111				
1151	CN	99813967	X 27-Apr-2005	01-Jun-2001	Granted
Title	Printed Circuit Box	ard and Method	for Fabricating S	uch Board	
1151	MX	223480	13-Oct-2004	01-Jun-2001	Granted
Title	Printed Circuit Bo			uch Board	
1151	US	6181219	30-Jan-2001	02-Dec-1998	Granted
Titles	Printed Circuit Bo	ard and Method		uch Board	
1	EP	1138180	24-Mar-2004	02-Dec-1999	Granted
1151	Printed Circuit Bo	ard and Method		uch Board	
	FR FR	1138180	TBD	02-Dec-1999	Granted
1151	Printed Circuit Bo	ard and Method			
		1138180	TBD	02-Dec-1999	Granted
1151	NE Printed Circuit Bo	ard and Method			
		69915874.	TRD	02-Dec-1999	Granted
1151	DE Printed Circuit Bo	ord and Mathod	for Eabricating S		
1 itle:	Printed Circuit Bo	ata ana memoa	100 Laoricaning C	,uon Boure	
<u> </u>		1107700	12-Nov-2003	24-May-2001	Granted
1154	CN	1127780	12-1404-2003	24-14147-2001	10-1 455150-00
1	ELECTRICAL C	UNNECTOR	31-Mar-2004	22-Nov-1999	Granted
1154	EP	1133812	31-War-2004	44-1404-1333	Graniva
1	: ELECTRICAL C		21.34 2003	22-Nov-1999	Granted
1154	DE	69916100	31-Mar-2004	22-1404-1333	Granicu
Title:	ELECTRICAL			33 31 1000	Granted
1154	FR	1133812	31-Mar-2004	22-Nov-1999	Oranico
Title:	ELECTRICAL			2021 1000	Constad
1154	GB	1133812	31-Mar-2004	22-Nov-1999	Granted

11-Mar-2003

25-Mar-2003

1154

1154

Title: ELECTRICAL CONNECTOR

Title: ELECTRICAL CONNECTOR

Title: ELECTRICAL CONNECTOR

6537087

US

US

24-Nov-1998 Granted

Granted

25-Jan-2002

Case #	Country	Patent #	Issue Date	Filing Date	Status
1220	US	6379188	30-Apr-2002	24-Nov-1998	Granted
1220	Differential Signal US DI	6503103	07-Jan-2003	22-Jun-2000	Granted
1220	Differential Signal US D2	6554647	29-Apr-2003	22-Jun-2000	Granted
1220	Differential Signa US D3	6607402	19-Aug-2003	08-Apr-2002	Granted
Title:	Differential Signa	l Electrical Conne	ectors		
1221	US	6565387	20-May-2003	30-Jun-1999	Granted
1221	Modular Electrica	228505	15-Jun-2005	19-Dec-2001	Granted
Title:	Modular Electrica	Connector and	Connector System		- Janisan III
1227	CN	1139151	-Feb-2004	22-Nov-1999	Granted
1227	Electrical Connec		ice Balancing Secti		
1227	EP	1145386	24-Mar-2004	22-Nov-1999	Granted
		tor with Impedan	ice Balancing Secti	ons 24-Nov-1998	Granted
1227	US	6394822	28-May-2002 ance Balancing Sec		Graneo
Title:	Electrical Comi	ector with imped	ance Bulanoing 500		
1228	US	6152747	28-Nov-2000	24-Nov-1998	Granted
Title:	Electrical Conne	ctor with End of	Row Contacts to Ed	qualize Performa	псе
					0 - 4-1
1284	US	6388208	14-May-2002	23-Jul-1999	Granted
Title:	Multi-Connecti	on VIA WITH Elec	ctrically Isolated Se	giiioita	
1285	US	6137064	24-Oct-2000	23-Jul-1999	Granted
Title:	SPLIT VIA SUR	FACE MOUNT	CONNECTOR AN	D RELATED T	ECHNIQUES
<u> </u>					
1302	US	6593535	15-Jul-2003	26-Jun-2001	Granted  ORCHIT ROARD
Title:	DIRECT INNE	RLAYERINIE	RCONNECT FOR	A HIGH SPEE	D PRINTED CIRCUIT BOARD
	US	6293827	25-Sep-2001	03-Feb-2000	Granted
1325 Title:	Differential Sig	nal Electrical Co			
1326	US	6517360	11-Feb-2003	11-Jun-2001	Granted
Title:	HIGH SPEED P	RESSURE MOU	NT CONNECTOR	· •	
		1056145	24 Nov 2004	30-Jan-2001	Granted
1327	DE : CONNECTOR \	1256145 WITH FGG-CRA	24-Nov-2004 TE SHIELDING	30-jan-2001	Gamou
1327	EP	1256145	24-Nov-2004	30-Jan-2001	Granted
Title	: CONNECTOR V		TE SHIELDING		
1327	FR	1256145	24-Nov-2004	30-Jan-2001	Granted
3	: CONNECTOR		TE SHIELDING 26-Sep-2002	18-May-2001	Granted
1327	TW : CONNECTOR '	156867 WITH EGG-CRA		10-111ay-2001	
1327	US	6506076	14-Jan-2003	31-Jan-2001	Granted
Title:	CONNECTOR	WITH EGG-CI	RATE SHIELDING	}	

Case #	Country	Patent #	Issue Date	Filing Date	Status
1380	US	6639154	28-Oct-2003	10-Oct-2000	Granted uit Board And A Connector
Title:	Methods and A	pparatus For Form	ng A Connection	I Detween 71 One	
1383	US	6352436	05-Mar-2002	29-Jun-2000	Granted
1388	US	essure Connection 6520686 aratus for Forming	18-Feb-2003	09-Nov-2000	Granted
1388	US US	6616342	09-Sep-2003	01-Oct-2002	Granted
Title:	Method and App	aratus for Forming	a Fiber Optic Co	nnection	
<u></u>					
1393	US	6452379	17-Sep-2002	20-Oct-2000	Granted
Title:		paratus for Connec	ting to A Signal	Launch 22-Jul-2002	Granted
1393	US I	6717398 Apparatus for Conne	06-Apr-2004		Granco
Title:	Methods and P	apparatus for Conne	certify to A bight	II Badiloli	
1204	US	6511229	28-Jan-2003	21-Dec-2000	Granted
1394 Title:	Methods and A	Apparatus for Contr			ace
L Hite.	1410thodo dita 2	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
1395	US	6516105	04-Feb-2003	10-Oct-2000	Granted
Title:	Optical Backp	lane Assembly and	Method of Maki	ng Same	
L					
1396	US	6619854	16-Sep-2003	31-Jan-2001	Granted
Title:	Techniques for	Cleaning An Optic	al Interface of A	n Optical Connec	tion System
1405	US	6588943	08-Jul-2003	07-Aug-2000	Granted
Title:	Electro-Optic	Connector Module			
				20.1 2002	Granted
1410	EP	1360533	23-Mar-2005	30-Jan-2002	
		Selectively Exposin	ig and Protecting 23-Mar-2005	30-Jan-2002	Granted
1410	DE	60203372 r Selectively Expos	23-Mai-2003 ing and Protecti		
Title:	FR FR	1360533	23-Mar-2005	30-Jan-2002	Granted
Title:	Techniques fo	r Selectively Expos	ing and Protecti	ng An Optical Int	erface Using Film
1410	GB	1360533	23-Mar-2005	30-Jan-2002	Granted
Title:	Techniques for	r Selectively Expos	sing and Protecti	ng An Optical Int	erface Using Film
1410	119	6547444	15-Apr-2003	31-Jan-2001	Granted
Title:	Techniques fo	r Selectively Expos	sing and Protecti	ng An Optical Ini	errace Osing 1 iiii
			76.0 + 2004	15-Jan-2002	Granted
1437	TW	205664	26-Oct-2004	13-1811-2002 od Connector Mad	
		ding Method and Sl 6409543	25-Jun-2002	25-Jan-2001	Granted
1437	US Connector Mole	ding Method and Sl	nielded Waferize		le Therefrom
1437	110	6602095	05-Aug-2003	24-Apr-2002	Graineu
Title:	Connector M	olding Method and	Shielded Waferi	zed Connector M	ade Therefrom
1447	US	5945838	31-Aug-1999	26-Jun-1997	Granted
Title:	Apparatus for	Testing Circuit Bo	ards		
					0 0 0
1448	US	6334784	01-Jan-2002	07-Aug-200	0 Granted
Title:	Z-Axis Press	ure Mount Connect	or Fixture		

Case #	Country	Patent #	Issue Date	Filing Date	Status
1477 Title:	US Optical Connector Fe Misalignments by In	6736546 crule Designed corporating Ex	18-May-2004 d to Minimize Mar xact Constraint Pri	16-Jul-2002 nufacturing Imper nciples	Granted fections and Mating
1481 Title:	US Electrical Solder Ball	6641410 I Contact	04-Nov-2003	07-Jun-2001	Granted
1482 Title:	US Waferized Power Co	6592381 nnector	15-Jul-2003	25-Jan-2001	Granted
1485	ЕР	1358697	04-May-2005	01-Feb-2002	Granted
1485	Matrix Connector US Matrix Connector	6769935	03-Aug-2004	01-Feb-2002	Granted
1486 Title:	US High-Density Fiber (	6547445 Optic Backpla	15-Apr-2003 ne	06-Feb-2001	Granted
1489 Title:	US High Speed Multi-L	6541712 ayer Printed C	01-Apr-2003 Circuit Board VIA	04-Dec-2001	Granted
1524 Title	US Waferized Fiber Op	6769814 tic Connector	03-Aug-2004	16-Jul-2002	Granted
1615 Title	US : SELF-ALIGNING I	6739918 ELECTRICAI	25-May-2004 - CONNECTOR	01-Feb-2002	Granted
1617 Title	US : Methods and Appar	6839935 atus for Clean	11-Jan-2005 ing Optical Conne	29-May-2002 ctors	Granted
1636 Title	US : Matrix Connector w	6764349 vith Integrated	20-Jul-2004 Power Contacts	29-Mar-2002	Granted
1684 Title	US :: Electrical Connecto	6709294 or with Conduc	23-Mar-2004 ctive Plastic Featur	17-Dec-2002 es	Granted
1718 Title	US : Techniques for For	6832858 ming Fiber Op	21-Dec-2004 otic Connectors In	13-Sep-2002 A Modularized N	Granted Manner

Status Issue Date Filing Date Patent # Case # Country 15-Jul-2002 Granted 13-Jul-2004 6762941 1719 US Title: Techniques for Connecting A Set of Connecting Elements Using An Improved Latching **Apparatus** Granted 10-Sep-1987 3751977.8 DE 1734 Title: Reinforced Plastic Laminates for Use in the Production of Printed Circuit Boards and Process for Making Such Laminates and Resulting Products 10-Sep-1987 Granted 0326577 1734 Title: Reinforced Plastic Laminates for Use in the Production of Printed Circuit Boards and Process for Making Such Laminates and Resulting Products 0326577 10-Sep-1987 Granted GB 1734 Title: Reinforced Plastic Laminates for Use in the Production of Printed Circuit Boards and Process for Making Such Laminates and Resulting Products 23-Aug-1989 Granted 06-Aug-1991 5037691 1734 Title: Reinforced Plastic Laminates for Use in the Production of Printed Circuit Boards and Process for Making Such Laminates and Resulting Products 10-Sep-1987 Granted 2129158 10-Sep-1997 ΙP 1735 Title: Printed Circuit Board Made of Reinforced Synthetic Resin Laminates 10-Sep-1987 Granted 2138554 04-Oct-1995 JP 1736 Title: Method for Making Reinforced Plastic Laminates for Use in Production of Circuit Boards 25-Apr-1997 10-Sep-1987 Granted 2637378 1736 Title: Method for Making Reinforced Plastic Laminates for Use in Production of Circuit Boards 15-Sep-1986 Granted 24-Jul-1990 4943334 US 1736 Title: Method for Making Reinforced Plastic Laminates for Use in Production of Circuit Boards 28-Sep-1993 Granted 26-Dec-1995 5478421 1740 US Title: Method for Making Composite Structures by Filament Winding 20-Dec-2002 Granted 07-Sep-2004 US 6786771 1757 Title: Interconnection System With Improved High Frequency Performance 20-Dec-2002 Granted 17-Aug-2004 US 6776645 1766 Title: LATCH AND RELEASE SYSTEM FOR A CONNECTOR 26-Jun-2003 Granted 6776659 17-Aug-2004 US 1778 Title: High Speed, High Density Electrical Connector 18-Jun-2003 Granted 6827611 07-Dec-2004 US 1806 Title: Electrical Connector with Multi-Beam Contact

Case #	Country	Patent #	Issue Date	Filing Date	Status	
1824	US	6814619	09-Nov-2004	26-Jun-2003	Granted	
Title:	High Speed, Hig	th Density Electric	al Connector And	Connector Assen	ably	
1825 Title:	US High Speed, Hig	6780059 gh Density Electric	24-Aug-2004 al Connector	26-Jun-2003	Granted	
1849	US	6872085	29-Mar-2005	29-Sep-2003	Granted	
Title:	HIGH SPEED,	HIGH DENSITY I	ELECTRICAL CO	INNECTOR ASS	SEMBLY	

#### Patent Applications:

Coco	##	Country
Case	#	Country

Status Filing Date

05-2021

60/691,423 17-Jun-2005 Pending

Title:

A COMPUTER SYSTEM FOR MODELING LOSS ACROSS A BACKPLANE AND

AN ASSOCIATED METHOD OF USE

1011

521651/96 04-Dec-1995 Published

Title:

CIRCUIT BOARD CONNECTORS

PRINTED

1056

97/534383 06-Feb-1997 Published

Title:

Electrical Connector Assembled From Wafers

1091

05-Aug-1999 Pending 2280173

High

Speed, High Density Electrical Connector

534683/98 09-Aug-1999 Published

Title:

1091

High

Speed, High Density Electrical Connector

1999-7007149

06-Aug-1999Granted (Pat #

1091 517158)

Title:

High

Speed, High Density Electrical Connector

CA 1103

2280174 15-Jan-1998 Pending

HIGH

Title:

SPEED, HIGH DENSITY ELECTRICAL CONNECTOR

1103

534510/98 09-Aug-1999 Published

Title:

SPEED, HIGH DENSITY ELECTRICAL CONNECTOR

1103

1999-7007150

06-Aug-1999 Published

HIGH

HIGH

Title:

SPEED, HIGH DENSITY ELECTRICAL CONNECTOR

1151

2352820

30-May-2001 Pending

Printed

Circuit Board and Method for Fabricating Such Board

EP 1151

99962969.4 02-Dec-1999 Granted (Pat # 1138180)

Title:

Printed

-1	1151	Board JP	and	Method	for Fabricating Such Board 2000-586144 04-Jun-2001 Published	Printed
	Title: Circuit	Board	and	Method	for Fabricating Such Board	TTIMOGG
ı						

1154 EP 04000082.0 06-Jan-2004 Published  Title: ELECTRICAL CONNECTOR  1154 JP 2000-584560 24-May-2001 Published  Title: ELECTRICAL CONNECTOR	
ELECTRICAL CONNECTOR  1154 JP 2000-584560 24-May-2001 Published  Title:	
1154 JP 2000-584560 24-May-2001 Published Title:	
Title:	

Case #	Country	Filing Date Status
1220 Title	CA:	2392322 22-May-2002 Pending Differential Signal Electrical Connectors
1220 Title	CA:	2461037 24-Nov-1999 Pending Differential Signal Electrical Connectors
1220 Title	CN	99817015.1 23-May-2002 Published Differential Signal Electrical Connectors
1220 Title	CN	0410033454.5 08-Apr-2004 Published Differential Signal Electrical Connectors
1220 Title	EP	99962856.3 24-Nov-1999 Published Differential Signal Electrical Connectors
1220 Title	EP	04002034.9 24-Nov-1999 Published Differential Signal Electrical Connectors
1220 Title	EP	04028406.9 01-Dec-2004 Published Differential Signal Electrical Connectors
1220 Title	JP ∋:	2001-540892 23-May-2002 Published Differential Signal Electrical Connectors
1220 Title	JP ∍:	2004-56190 01-Mar-2004 Pending Differential Signal Electrical Connectors
1220 Title	KR ∍:	2002-7006695 24-May-2002 Published Differential Signal Electrical Connectors
1220 Title	KR e:	2004-7008353 31-May-2004 Pending Differential Signal Electrical Connectors

1220 Title:	MX	2002/005163 24-Nov-1999 Pending Differential Signal Electrical Connectors	
1220 Title:	мх	2004/003001 24-Nov-1999 Pending Differential Signal Electrical Connectors	

1221 Title:	CA	2377396 21-Jun-2000 Pending Modular Electrical Connector and Connector System
1221 11/30/05)	EP	00943009.1 21-Jun-2000 Published (Will grant on Modular Electrical Connector and Connector System
Title:		Modulul Bloodless

1227 JP	2000-584561 24-May-2001 Published
Title:	Electrical Connector with Impedance Balancing Sections

1325 JP	2001-557119 05-Aug-2002 Pending
Title:	Differential Signal Electrical Connector

Title:	HIGH SPEED PRESSURE MOUNT CONNECTOR
1326 JP 2001	-557118 05-Aug-2002 Pending
Title:	HIGH SPEED PRESSURE MOUNT CONNECTOR

Case # C	ountry		Filing Date	e Stat	us		
1327 Title:	CA	2399960	31-Jul-20 CON	02 Pend NNECTOR	ing WITH	EGG-CRATE	SHIELDING
1327 Title:	CN	01804535.9	05-Aug-20 CON	02 Publ NNECTOR	ished WITH	EGG-CRATE	SHIELDING
1327 Title:	IL	151055	01-Aug-20 COI	02 Pend NNECTOR	ing WITH	EGG-CRATE	SHIELDING

3996376v2

1327 Title:	JP	2001-557116 05-Aug	g-2002 Pending CONNECTOR WITH EGG-CRATE SHIELDING
1327 Title:	KR	2002-7010001	02-Aug-2002 Published CONNECTOR WITH EGG-CRATE SHIELDING
1327 Title:	мх	2002/007546 05-Aug	g-2002 Pending CONNECTOR WITH EGG-CRATE SHIELDING

1394 CA		2431346	16-Jun-2003 Pending	Methods
1394 CN	for	Controlling Access 01821104.6	to An Optical Interface 19-Dec-2001 Published	Methods
Title: and Apparatus 1394 EP	for	Controlling Access	to An Optical Interface 19-Dec-2001 Pending	Methods
Title: and Apparatus 1394 JP	for	Controlling Access 2002-551629	to An Optical Interface 17-Jun-2003 Published	Methods
Title: and Apparatus 1394 MX	for	Controlling Access 2003/005541	to An Optical Interface 19-Dec-2001 Published	Methods
Title: and Apparatus	for	Controlling Access	to An Optical Interface	Metilods

				00 7 1 0000	Dublished
1405	CN		01813871.3	08-Feb-2003	Published
Title:					
Electro-	Optic	Connector	Module		
1405	EP		01952858.7	20-Jul-2001	Published
Title:					
	-Optic	Connector	Module	07 5-6 7007	Tublished
1405	JP		2002-517268	0/-Feb-2003	Published
Title:					
Electro	-Optic	Connector	Module		
	-				

1410 JP	2002-561992 30-Jan-2002 Published
Title: Techniques fo	r Selectively Exposing and Protecting An Optical Interface
Using Film 1410 MX	2003/006844 31-Jul-2003 Published
Title: Techniques fo Using Film	r Selectively Exposing and Protecting An Optical Interface

				$\neg$
1437	CA	2435759	23-Jan-2002 Pending	
1421				_

Title: Connector Molding Method and Shielded Waferized Connector Made Therefrom 02804171.2 25-Jan-2002 Published 1437 Title: Connector Molding Method and Shielded Waferized Connector Made Therefrom 02720835.4 23-Jan-2002 Published 1437 Connector Molding Method and Shielded Waferized Connector Made Therefrom 2002-560236 23-Jan-2002 Published 1437 Title: Connector Molding Method and Shielded Waferized Connector Made Therefrom 2003/006690 25-Jul-2003 Published 1437 Title: Connector Molding Method and Shielded Waferized Connector Made Therefrom

Case #	Country	Filing Date Status	
1477 Title Connec	CA  ctor Ferrule Design  Mating Misalignmer  CN  cr	2469301 29-Aug-2002 Pending Optioned to Minimize Manufacturing Imperfections and hts by Incorporating Exact Constraint Principles 02821606 7 29-Aug-2002 Pending	otical
Title Connec	e: ctor Ferrule Design Mating Misalignmen JP e: ctor Ferrule Design	Op ned to Minimize Manufacturing Imperfections and nts by Incorporating Exact Constraint Principles 2003-525350 01-Mar-2004 Pending	ptical

1482 C	'N	02804169.0	23-Jan-2002	Pending
Title:	, <u>.</u> .			
Waferized	Power Connector	r		n 3 i
1482 E	EP .	02705906.2	23-Jan-2002	Pending
Title:	Davis Connecto	~		
1	Power Connecto P	2002-560238	23-Jan-2002	Published
Title:	7.	_ ,		•
	Power Connecto	r		
1482 N	MΧ	2003/006691	25-Jul-2003	Published
Title:				
Waferized	Power Connecto	r		
1				

1485 CN Title:	02805724.4 01-Feb-2002 Published	Matrix
Connector		<u></u>

		VI. 72	
1485 Title	JP :	2002-561325 01-Feb-2002 Published	Matrix
Connect 1485 Title Connect	MX :	2003/006895 01-Feb-2002 Pending	Matrix
Connec			

1486 Title:	CN		02804622.6 05-Feb-2002 Pending	High-
	Fiber EP	Optic	Backplane 02702147.6 05-Feb-2002 Pending	High-
Density 1486 Title:	Fiber JP	Optic	Backplane 2002-563051 05-Feb-2002 Published	High-
Density	Fiber	Optic	Backplane	

1489	TW	91135020	03-Dec-2002 Published	High
Title: Speed M	ulti-Layer	Printed Circuit Bo	ard VIA	•

1524	CA	2455903	29-Aug-2002 Pending
Title: Waferiz 1524 Title:	zed Fiber Opti CN	c Connector 02816889.5	27-Feb-2004 Published
Waferia 1524	zed Fiber Opti EP	c Connector 02768756.5	29-Aug-2002 Published
Title: Waferi:	zed Fiber Opti	c Connector	

# Case # Country Filing Date Status

1524	JР		2003-525351 27-Feb	-2004 Published	
Title Wafer: 1524	ized Fiber KR		nnector 2004-7002967	27-Feb-2004	Pending
Title Wafer:	: ized Fiber	Optic Co	nnector		•

1618 Title:	EP	03814958-9 24-Dec-2003 Published System and Method for Inspecting an Optical Interface
1618 Title:	បទ	10/329881 26-Dec-2002 Published System and Method for Inspecting an Optical Interface

CN	03800362.7 01-Dec-2003 Published	Matrix
with Integrated	d Power Contacts 03716816.8 25-Mar-2003 Published	Matrix
with Integrated JP	d Power Contacts 2003-582862 29-Sep-2004 Pending	Matrix
: with Integrate	d Power Contacts	
	with Integrated EP with Integrated JP	with Integrated Power Contacts  EP 03716816.8 25-Mar-2003 Published  with Integrated Power Contacts

-	1684 EP	03814022 4 17-Dec-2003 Published
1		·
	Title:	Markin Bostovos
İ	Electrical	Connector with Conductive Plastic Features
1		
1		·
1		
1		

1693 Title:	EP	03814856.5 18-Dec-2003 Published Systems and Methods for Inspection An Optical Interface
1693 Title:	us	10/329881 26-Dec-2002 Pending Systems and Methods for Inspection An Optical Interface

Title: Techniques for Connecting A Set of Connecting Elements Using An Improved  Latching Apparatus  1719 EP 03764595.9 15-Jul-2003 Published  Title: Techniques for Connecting A Set of Connecting Elements Using An Improved  Latching Apparatus  1719 JP 2004-521766 11-Mar-2005 Pending  Title: Techniques for Connecting A Set of Connecting Elements Using An Improved  Latching Apparatus  1719 LP 2004-521766 11-Mar-2005 Pending  Title: Techniques for Connecting A Set of Connecting Elements Using An Improved  Latching Apparatus		·
Latching Apparatus  1719 EP 03764595.9 15-Jul-2003 Published  Title: Techniques for Connecting A Set of Connecting Elements Using An  Improved Latching Apparatus  1719 JP 2004-521766 11-Mar-2005 Pending  Title: Techniques for Connecting A Set of Connecting Elements Using An  Improved	Title: Tech	03821632.9 11-Mar-2005 Published Chniques for Connecting A Set of Connecting Elements Using A
Latching Apparatus  1719 JP 2004-521766 11-Mar-2005 Pending  Title: Techniques for Connecting A Set of Connecting Elements Using An Improved	Latching App 1719 EP Title: Teck	03764595.9 15-Jul-2003 Published
	Latching App 1719 JP Title: Tec Improved	2004-521766 11-Mar-2005 Pending chniques for Connecting A Set of Connecting Elements Using $F$

1721 CA	2459	290 29-Aug-200	2 Pending Modu	lar
Title:	demostion Gratem		,,oaa	
Fiber Optic	Connection System			
1				

Case # C	ountry
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#### Filing Date Status

1721 CN Title:	02819348.2 31-Mar-2004 Published	Modular
Fiber Optic Connection 1721 EP Title:	02797779.2 29-Aug-2002 Published	Modular
Fiber Optic Connection 1721 JP Title:	2003-525349 01-Mar-2004 Pending	Modular
Fiber Optic Connection 1721 US Title:	10/195960 16-Jul-2002 Published	Modular
Fiber Optic Connection	n System	

1	1742	EP	03800022.0 20-Dec-2003 Pending	
1		FERRUI	LE ASSEMBLY AND METHODS THEREFOR	1
	1742	ບຣ	10/324816 20-Dec-2002 Published	
	Ti	tle: I	FERRULE ASSEMBLY AND METHODS THEREFOR	

1757	EP		038	14231.1	20-De	c-2003	Pend	ling		
Title: Interco	nnection	System	With	Improved	High	Freque	ency	Performance	-	

1769 Title:	US	10/952103	28-Sep-2004 Pending Star Routed Backplane
1769	WO	•	26-Sep-2005 Pending
Title:	Star Route	1 Backplane	

1772	EP	03783463.7 13-Nov-2003 Published	
Title:	CONNECTOR	AND PRINTED CIRCUIT BOARD FOR REDUCING CROSS-TALK	

1774 US		10/422515	24-Apr	-2003 Pending				Printed
Title: Circuit Board		Undesirable	Signal	Reflections	in a	Via	and	Princed
1774 WO	Therefor	US04/012704	23-Apr	-2004 Publish	ed			Printed
Title: Circuit Board	Minimizing Therefor	Undesirable	Signal	Reflections	in a	Via	and	

1783 Title:	US	10/954865	30-Sep-2004 Pending Perpendicular Switch Card Architecture
1783 Title:	WO Perpendicular		28-Sep-2005 Pending Architecture

1788 US 10/672779 26-Sep-2003 Published

Title: Protective Covers for Fiber Optic Connector

1811 US 10/675647 03-Sep-2003 Published

Title:

Speed, High Density Electrical Connector

1811 WO US04/028956 03-Sep-2004 Published

High

Title: Speed, High Density Electrical Connector

Case # Country

Filing Date Status

1815 US 60/675217 27-Apr-2005 Pending
Title: Discharging Energy During Hot Plugging for Power Using Conductive
Plastic

1819 US 60/639064 23-Dec-2004 Pending

Title: BARE DIE SOCKET

1819 US 11/053448 08-Feb-2005 Pending

Title: BARE DIE SOCKET

1821 US 60/639041 23-Dec-2004 Pending
Title: ENVIRONMENTALLY SEALED CHIP SOCKET

1821 US 11/059492 08-Feb-2005 Pending
Title: ENVIRONMENTALLY SEALED CHIP SOCKET

1824 WO US04/020170 23-Jun-2004 Published
Title: High Speed, High Density Electrical Connector And Connector
Assembly
1825 WO US04/020109 23-Jun-2004 Published
Title: High Speed, High Density Electrical Connector

10/603048 24-Jun-2003 Published US 1826 Printed Title: Circuit Board For High Speed, High Density Electrical Connector With Improved Cross-Talk Minimization, Attenuation And Impedance Mismatch Characteristics US04/19846 23-Jun-2004 Published 1826 WO Printed Title: Circuit Board For High Speed, High Density Electrical Connector With Improved Cross-Talk Minimization, Attenuation And Impedance Mismatch Characteristics

1840	US	10/744328 23-Dec-2003 Pending
TOAO	QD.	

3996376v2

Title:

SPEED CONNECTOR ASSEMBLY

1840 WO US04/039063 19-Nov-2004 Pending

Title: HIGH SPEED CONNECTOR ASSEMBLY

1855 US 10/741542 23-Dec-2003 Pending

Title: Modular Rackmount Chiller

1855 WO US04/041964 13-Dec-2004 Pending

Title: Modular Rackmount Chiller

1856 US 10/774050 23-Dec-2003 Pending

Title: Modular Fiber Optic Connection System

1857 US 10/745475 23-Dec-2003 Pending

Title: Fiber Optic Adapter Designed To Accommodate Different Style Ferrules

Case # Country Filing Date Status

1874 US 10/886449 07-Jul-2004 Pending
Title: Atmospheric 2-Phase Electronics Cooling System

1882 US 11/115874 27-Apr-2005 Pending
Title: Layer count reduction in backplane PCB

1886 US 10/882598 01-Jul-2004 Pending
Orthogonal optical edge connector

1886 WO US05/22487 24-Jun-2005 Pending
Orthogonal optical edge connector

1891 US 10/874837 23-Jun-2004 Pending
Title:
Electrical Connector Incorporating Passive Circuit Elements
1891 WO US05/22423 23-Jun-2005 Pending
Title:
Electrical Connector Incorporating Passive Circuit Elements

1892 US 10/874669 23-Jun-2004 Pending Methods
Title:
of Manufacturing An Electrical Connector Incorporating Passive Circuit

#### Elements

1898	US	10/959652	06-Oct-2004	Pending
	GbX 1.85mm x 1.	85 mid-plane	x-connect	
1898	WO	US05/	06-Oct-2005	Pending
	GbX 1.85mm x 1.	85 mid-plane	x-connect	
TTOTE	ONL TADAMI IL MA			<del></del>

ſ	1902 Title:	US	-	10/	30-Jun-2004 Pending Connector System for Optical Wave Guides	_
	1902	WO Connector	System	TBD for	24-Jun-2005 Pending Wave Guides	

1903	US	10/897638 23-Jul-2004 Pending	ıtion
Title:	: Microwave	Quality Reflect Standard To Improve In-Fixture Calibra	
1903	WO	US05/026075 22-Jul-2005 Pending	on
Title:	Microwave Qu	ality Reflect Standard To Improve In-Fixture Calibrati	

1				
	1913	US	60/638973 24-Dec-2004 Pending	
	Title MIDPI		IALLY APPLICABLE TO AN ORTHOGONAL	
	1913	ARCHITECTU US	JRE ELECTRONIC SYSTEM 11/173927 01-Jul-2005 Pending	
	Title		IALLY APPLICABLE TO AN ORTHOGONAL	
			JRE ELECTRONIC SYSTEM	

#### Case # Country

#### Filing Date Status

1915 US Title:	10/954441	30-Sep-2004 Pending	Modular
Cooling Shelf 1915 WO Title: Modular	US05/34596 Cooling Shelf	28-Sep-2005 Pending	

1918 Title:	US 10/955	571 30-Sep-2004 Pending High Speed, High Density Electrical Connector
1918 Title:		4605 28-Sep-2005 Pending ty Electrical Connector

3043	US	60/638971 24-Dec-2004 Pending
1943	US	00,000.
Title:		

DIFFERENTIAL ELECTRICAL CONNECTOR ASSEMBLY

US 1943

11/173926 01-Jul-2005 Pending

Title:

DIFFERENTIAL ELECTRICAL CONNECTOR ASSEMBLY

1952 Title: Architec	US ctures	11/011838 Front-To-Back Air	14-Dec-2004 Pending Cooling Architecture	For	Ortho	ogonal	Boa	rd
1973 Title:	us	11/220382 Bi-D	06-Sep-2005 Pending irectional Electrical	Path	ı for	Contac	t E	nd

	77.0	60/695705	30-Jun-2005 Pending	
5-2019	US	00/033743	30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TRIPOLI
Title:				11(11 01)1
5-2019	បទ	11/183564	18-Jul-2005 Pending	
Title:				TRIPOLI

05-2028 US Title:	60/695264	30-Jun-2005 Pending	CONDUCTIVE	INSERTS

1	05-2029	US	60/695308 30-Jun-2005 Pending	1
	Title:		CONNECTOR WITH OFFSET DIFFERENTIAL SIGNAL CONDUCTORS	١
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# Patent Disclosures:

Case No	Statu	s Title
05-2036	Open	EXTRACTION OF PHYSICALLY CONSISTENT, FREQUENCY-DEPENDENT DIELECTRIC PROPERTIES OF PCB TRANSMISSION LINES
05-2037	Open	LOSSY MATERIAL DISPOSED BETWEEN DIFFERENTIAL PAIRS OF SIGNAL CONDUCTORS IN AN INTERCONNECTION DEVICE
05-2040	Open	THICK FILM RESISTORS AND OTHER COMPONENTS INTEGRATED INTO A CONNECTOR
1919	Open	MATCHED IMPEDANCE PLATED THROUGH HOLE FOR THE INTERCONNECTION OF TWO CONNECTORS
1976	Open	STIFFENER-ORGANIZER FOR CONNECTOR TO IMPROVE WAFER POSITIONING & ATTACHMENT REFLOW
05-2002	Aut	horized SMT PIN WITH NOTCH/DIMPLE FOR SOLDERING AND ADHESIVE ATTACHMENT [Note: Awaiting Inventor signatures - will be filed as US provisional application on November 30, 2005 if inventors have not responded]
05-2003		Authorized FOLDED-DISK PIN FOR SMT SOLDER AND/OR COMPOUND ATTACHMENT [Note: Awaiting Inventor signatures - will be filed as US provisional application on November 30, 2005 if inventors have not responded]

### Patent Disclosures:

Case No	Status	Title
05-2036	Open	EXTRACTION OF PHYSICALLY CONSISTENT, FREQUENCY-DEPENDENT DIELECTRIC PROPERTIES OF PCB TRANSMISSION LINES
05-2037	Open	LOSSY MATERIAL DISPOSED BETWEEN DIFFERENTIAL PAIRS OF SIGNAL CONDUCTORS IN AN INTERCONNECTION DEVICE
05-2040	Open	THICK FILM RESISTORS AND OTHER COMPONENTS INTEGRATED INTO A CONNECTOR
1919	Open	MATCHED IMPEDANCE PLATED THROUGH HOLE FOR THE INTERCONNECTION OF TWO CONNECTORS.
1976	Open	STIFFENER-ORGANIZER FOR CONNECTOR TO IMPROVE WAFER POSITIONING & ATTACHMENT REFLOW
05-2002	Authorized	SMT PIN WITH NOTCH/DIMPLE FOR SOLDERING AND ADHESIVE ATTACHMENT
05-2003	Authorized	FOLDED-DISK PIN FOR SMT SOLDER AND/OR COMPOUND ATTACHMENT

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## Trademarks:

Mark	Class	Serial No.	Filing Date	Registration Number.	Registration Date	Status
CROSSBOW	IC 009	78682550	August 1, 2005	N/A	N/A	Pending
VENTURA	IC 009	78418881	May 14, 2004	N/A	N/A	Pending
APTERA	IC 009	78514820	November 10, 2004	N/A	N/A	Pending
DIFFERENTIAL CLEARANCE	IC 009	78297381	September 8, 2003	N/A	N/A	Pending
TECHNOLOGY NEXLEV	IC 009	78107484	February 7, 2002	2669292	December 31, 2002	Registered
GBX	IC 009	76474185	December 12, 2002	2779372	November 4, 2003	Registered
BRINGING BANDWIDTH TO THE GLOBAL	IC 009	75862605	December 2, 1999	2426683	February 6, 2001	Registered
NETWORK	IC 009	75383873	November 3, 1997	2423664	January 23, 2001	Registered
VHDM HDM PLUS	IC 009	74350016	January 21, 1993	1894556	May 16, 1995	Registered
HDM PLOS	IC 009	74353156	January 21, 1993	1886552	March 28, 1995	Registered
HIGH DENSITY PLUS (HD+)	IC 009	73688734	October 9, 1987	1494014	June 28, 1988	Registered

# Service Marks:

Mark	Class	Scrial No.	Filing Date	Registration Number	Registration Date	Status
DESIGNLINK	IC 042	78470448	August 19, 2004	N/A	N/A	Pending

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#### **SCHEDULE B**

### Intellectual Property Licensed from Buyer to Assignor

# **Granted Patents Re: DCT Technology**

	Case #	Country	Patent #	Issue Date	Filing Date	Status	1
ſ	1220	US D3	6607402	19-Aug-2003	08-Apr-2002	Granted	
-		Differential Sig	nal Electrical Conne	ectors			

# Patent Applications Re: DCT Technology

Case #	Country		Filing Date	Status		
1220	CA	2392322	22-May-2002	Pending		
Title:	Differential Signal Electrical Connectors					
1220	CN	0410033454.5	08-Apr-2004	Published		
Title:	Differential Signal Electrical Connectors					
1220	EP	04028406.9	01-Dec-2004	Published		
Title:	Differential Signal Electrical Connectors					
1220	JP	2004-56190	01-Mar-2004	Pending		
Title:	Differential Signal Electrical Connectors					
1220	KR	2004-7008353	31-May-2004	Pending		
Title:	Differential Signal Electrical Connectors					
1220	MX	2004/003001	24-Nov-1999	Pending		
Title:	Differential Signal	Electrical Connectors				

# Patent Applications Re: DESIGNLINK

Case #	Country	Filing Date Status	
05-202	1 US	60/691423 17-Jun-2005 Pending	ľ
Title	: A COMPUTE	SYSTEM FOR MODELING LOSS ACROSS A BACKPLANE AND	ı
		ED METHOD OF USE	ĺ

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#### SCHEDULE C

Trademarks Licensed from Assignor to Buyer Subject to Certain Conditions

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PATENT REEL: 024631 FRAME: 0181

**RECORDED: 07/02/2010**