

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4798817

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
TYCO ELECTRONICS CORPORATION		12/31/2016
RECEIVING PARTY DATA		
Name:	CREGANNA UNLIMITED COMPANY	
Street Address:	PARKMORE WEST	
City:	BALLYBRIT, GALWAY	
State/Country:	IRELAND	
PROPERTY NUMBERS Total: 65		
Property Type	Number	
Patent Number:	7062310	
Patent Number:	7220135	
Patent Number:	7347741	
Patent Number:	7435112	
Patent Number:	7448902	
Patent Number:	7479027	
Patent Number:	7481664	
Patent Number:	7481671	
Patent Number:	7512433	
Patent Number:	7537463	
Patent Number:	7611378	
Patent Number:	7632126	
Patent Number:	7660625	
Patent Number:	7699174	
Patent Number:	7699640	
Patent Number:	7708586	
Patent Number:	7758369	
Patent Number:	7819710	
Patent Number:	7826882	
Patent Number:	7927140	
Patent Number:	7972143	

PATENT

Property Type	Number
Patent Number:	7972161
Patent Number:	7976342
Patent Number:	7987594
Patent Number:	8106319
Patent Number:	8172627
Patent Number:	8201328
Patent Number:	8221005
Patent Number:	8251736
Patent Number:	8342887
Patent Number:	8430685
Patent Number:	8535089
Application Number:	11549327
Application Number:	11732372
Application Number:	11820266
Application Number:	11835598
Application Number:	12099226
Application Number:	12116356
Application Number:	12135255
Application Number:	12191511
Application Number:	12236351
Application Number:	12244507
Application Number:	12360502
Application Number:	12409268
Application Number:	12427799
Application Number:	12938248
Application Number:	13243922
Application Number:	13243957
Application Number:	13243984
Application Number:	13753339
Application Number:	13753358
Application Number:	14031808
Application Number:	14253162
Application Number:	14482560
Application Number:	14483066
Application Number:	14764533
Application Number:	14837842
Application Number:	14837895
Application Number:	15046403

Property Type	Number
Application Number:	15217782
Application Number:	15244945
Application Number:	60864804
Application Number:	60864818
Application Number:	60864850
Application Number:	61028060

CORRESPONDENCE DATA

Fax Number: (650)361-5623

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 650-361-2483

Email: mgerstne@te.com

Correspondent Name: TE CONNECTIVITY CORPORATION C/O THE WHI

Address Line 1: 4550 LINDEN HILL ROAD

Address Line 2: SUITE 140

Address Line 4: WILMINGTON, DELAWARE 19808

ATTORNEY DOCKET NUMBER: TEC_TO_CUC_PAT_ASSGT

NAME OF SUBMITTER: MARGUERITE E. GERSTNER

SIGNATURE: /Marguerite E. Gerstner/

DATE SIGNED: 01/29/2018

Total Attachments: 15

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INTELLECTUAL PROPERTY ASSIGNMENT

THIS INTELLECTUAL PROPERTY ASSIGNMENT (this "Assignment") is made and entered into as of December 31, 2016 (the "Effective Date") by and between **Tyco Electronics Corporation**, an entity organized under the laws of the commonwealth of Pennsylvania, USA, having a place of business at 1050 Westlakes Drive, Berwyn, Pennsylvania, 19312, USA (the "Assignor"), and **Creganna Unlimited Company**, an Irish unlimited company having Company Number 324172 and having a place of business at Parkmore West, Ballybrit, Galway, Ireland (the "Assignee").

WHEREAS, Assignor wishes to assign to Assignee, and Assignee wishes to acquire from Assignor all the Intellectual Property of the Assignor relating exclusively to Assignor's Medical business.

NOW, THEREFORE, for the good and valuable consideration recited herein, the parties agree as follows.

DEFINITIONS

Intellectual Property shall mean all intangible and intellectual property assets of the Assignor relating exclusively to Assignor's Medical business including any of the following: United States or foreign (a) issued patents, reissued or reexamined patents, revivals of patents, divisions, continuations and continuations-in-part of patents, all renewals and extensions thereof, utility models, and certificates of invention, regardless of country or formal name and published or unpublished, nonprovisional and provisional patent applications, including the right to file other or further applications, reexamination proceedings, invention disclosures and records of invention, including those assets listed on attached Exhibit A (collectively "Patents"); (b) registered and unregistered trademarks, service marks, logos, trade names and other indicia of origin, pending trademark and service mark registrations and applications, all common law rights thereto and the goodwill symbolized thereby or associated therewith, including those assets listed on attached Exhibit B (collectively, "Trademarks"); (c) registered and unregistered copyrights, copyrightable works, semiconductor topography and mask work rights, including, without limitation, all rights of authorship, use, publication, reproduction, distribution, performance, transformation, moral rights and ownership therein and thereof, the right to create derivative works, and registrations and applications for registration and all renewals and extensions of registrations thereof, together with all other interests accruing by reason of international copyright, semiconductor topography and mask work conventions (collectively "Copyrights"); (d) Internet domain names, applications, registrations and reservations therefor; (e) trade secrets, know-how, inventions, invention disclosures and other proprietary information and materials, whether or not patentable or copyrightable, and whether or not reduced to practice, including without limitation all technology, ideas, research and development, inventions, designs, manufacturing and operating specifications and processes, formulae, customer, distributor and supplier lists, shop rights, designs, drawings, patterns, technical data, computer programs, and all hardware, software and processes not otherwise listed in (a) through (d) above, and (f) all other

intangible assets, properties and rights (whether or not appropriate steps have been taken to protect, under applicable law, such other intangible assets, properties or rights) including, without limitation, all claims, causes of action and rights to sue for past, present and future infringement or unconsented use of any of the Intellectual Property, the right to file applications and obtain registrations, and all rights arising therefrom and pertaining thereto and all products, proceeds and revenues arising from or relating to any and all of the foregoing.

1. **Assignment of Intellectual Property.**

Subject to any earlier granted rights or licenses, in consideration for the Assignee's obligations under Clause 4 (the sufficiency of which the Assignor hereby acknowledges), the Assignor hereby assigns to Assignee its entire right, title and interest in and to the Intellectual Property, for the United States and for all other countries, including, without limitation, all rights therein provided by international conventions and treaties, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made, together with all income, royalties and payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Intellectual Property, with the right to sue for, and collect the same for Assignee's own use and enjoyment and for the use and enjoyment of its successors, assigns or other legal representatives, and including all other benefits and value normally associated with the Intellectual Property.

2. **Assignment of Related Contracts.**

- (a) In addition to the assignment of the Intellectual Property, Assignor hereby assigns to Assignee its entire right, title and interest in and to all contracts, licenses and other agreements, such as development agreements and purchase and sale agreements, relating to Intellectual Property ("Intellectual Property Contracts"), and Assignee agrees to accept all obligations under these agreements; provided, Assignor has no obligation to assign any Intellectual Property, contract, license or agreement to the extent such assignment would result in a violation of applicable law, a default, breach, event of noncompliance, or change in terms regarding any such contract, license or agreement, or would otherwise deprive Assignee of the full enjoyment and benefit of such Intellectual Property, contract, license or agreement (each, a "Retained Asset"). For the avoidance of doubt, the assignment under this section 2 is limited to Intellectual Property Contracts related exclusively to Assignor's Medical business.
- (b) Regarding each Retained Asset, Assignor shall use reasonable efforts to obtain any necessary consent and shall cooperate in good faith with Assignee to put in place, to the extent permitted by law or the terms of the relevant Retained Asset and taking into consideration the interests of any affiliate of Assignor, such

arrangements as Assignor and Assignee may, acting in good faith, determine provides Assignee benefits reasonably equivalent had such Retained Asset been assigned to Assignee.

- (c) Assignee hereby assumes and agrees to pay, perform and discharge when due any and all claims, losses, liabilities, damages, fines, penalties, interest, amounts payable as indemnity obligations, and all related costs and expenses (including legal and attorneys' fees and disbursements) relating to the assigned contracts and agreements.

3. **Omissions.**

With the exception of the Retained Assets, it is the intention of the parties that all intangible assets of the Assignor are included in the assigned Intellectual Property and that any later-discovered Intellectual Property not assigned by Assignor to Assignee is the result of an omission or error, and therefore shall be deemed to have been included herein and the parties shall transfer the Intellectual Property without requiring additional consideration

4. **Consideration and Payment.**

Assignee shall pay Assignor, within three (3) business days of the Effective Date, [REDACTED] in immediately available funds.

5. **Governing Law and Jurisdiction**

This Assignment and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the law of Ireland and subject to the exclusive jurisdiction of the courts of Ireland.

6. **Further Actions.**

Assignor shall take all further actions, and provide to Assignee, Assignee's successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all affidavits, declarations, oaths, samples, exhibits, specimens, assignments, powers of attorney or other documentation), reasonably requested by Assignee to more fully and effectively effectuate the purposes of this Agreement, including, without limitation, with respect to the following: (i) the preparation and prosecution of any applications for registration or renewal relating to the rights assigned herein; (ii) the prosecution or defense of any interference, opposition, cancellation, invalidation, reexamination, reissue, infringement or other proceedings that may arise in connection with any of the rights assigned herein.

including, without limitation, testifying as to any facts relating to the Assignor's Intellectual Property and this Assignment; (iii) obtaining any additional trademark, patent or copyright protection relating to rights assigned herein that Assignee reasonably may deem appropriate that may be secured under the laws now or hereafter in effect in the United States or in any other applicable jurisdiction; and (iv) in the implementation or perfection of this Assignment in all applicable jurisdictions throughout the world.

2. Notices. All notices, requests, demands and other communications hereunder shall be in writing, and shall be deemed to have been duly given if delivered by overnight courier, sent by mail to the respective parties or personally delivered addressed as follows:

If to Assignor: Tyco Electronics Corporation
1050 Westlakes Drive
Berwyn, PA 19312
US
Attn: Legal Department

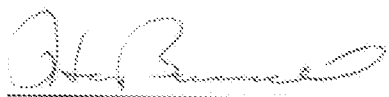
If to Assignee: Creganna Unlimited Company
Parkmore West, Ballybrit, Galway
Ireland
Attn: Legal Department

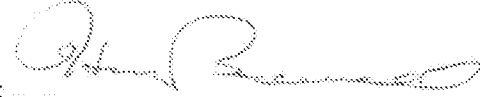
or to such other address as Buyer or Seller may designate by written notice to the other parties hereto. Notices, requests and other communications hereunder may be delivered by electronic facsimile transmission or email if confirmation by sender is made within three (3) business days by mail or personal delivery.

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of the Effective Date.

TYCO ELECTRONICS CORPORATION

CREGANNA UNLIMITED COMPANY

By: 

By: 

Name: Harold G. Barksdale

Name: Harold G. Barksdale

Title: Vice President

Title: Director

Exhibit A

PATENTS

Legal and Registered Owner Tyco Electronics Corporation

Docket No.	Country	Subclass	Status	Application No.	Filing Date	Patent No.	Granted Date	Exp/Date	Title
18092	US	A	Granted	11/435155	5/16/2006	7512433	3/31/2009	10/6/2023	Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	EP		Abandoned	04794290.9	10/5/2004				Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	BR		Abandoned	P100415081-3	10/5/2004				Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	IN		Granted	1924/DEL/NP/2006	10/5/2004	249106	9/30/2011	10/5/2024	Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	US		Granted	10/679568	10/6/2003	7062310	6/13/2006	6/30/2024	Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	US	B	Abandoned	12/409268	3/23/2009				Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	MX		Granted	P.A./a/2006/003856	10/5/2004	261946	11/5/2008	10/5/2024	Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	WO		Converted	US04/32885	10/5/2004				Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	IL		Granted	174745	10/5/2004	174745	3/1/2011	10/5/2024	Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	JP		Granted	2006-534277	10/5/2004	4757198	6/10/2011	10/5/2024	Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	CN		Granted	200480036304.8	10/5/2004	ZL200480036304.8	6/16/2010	10/5/2024	Catheter Tip Electrode Assembly and Method for Fabricating Same
18092	CA		Granted	2541071	10/5/2004	2541071	12/4/2012	10/5/2024	Catheter Tip Electrode Assembly and Method for Fabricating Same
E-GI-00084	CN		Granted	200680016136.5	5/12/2006	ZL200680016136.5	10/20/2010	5/12/2026	Catheter with Compactly Terminated Electronics Component
E-GI-00084	JP		Granted	2008-511408	5/12/2006	4805345	8/19/2011	5/12/2026	Catheter with Compactly Terminated Electronics Component

E-G1-00084	WO		Converted	US2006/018438	5/12/2006				Catheter with Compactly Terminated Electronics Component
E-G1-00084	EP		Converted	06759675.9	5/12/2006	1893276	7/10/2013	5/12/2026	Catheter with Compactly Terminated Electronics Component
E-G1-00084	FR		Granted	06759675.9	5/12/2006	1893276	7/10/2013	5/12/2026	Catheter with Compactly Terminated Electronics Component
E-G1-00084	DE		Granted	06759675.9	5/12/2006	602006037248	7/10/2013	5/12/2026	Catheter with Compactly Terminated Electronics Component
E-G1-00084	GB		Granted	06759675.9	5/12/2006	1893276	7/10/2013	5/12/2026	Catheter with Compactly Terminated Electronics Component
E-G1-00084	US	1	Granted	11/128082	5/12/2005	7660625	2/9/2010	6/27/2026	Catheter with Compactly Terminated Electronics Component
E-G1-00134	US		Granted	11/270171	11/9/2005	7220135	5/22/2007	11/9/2025	Printed Circuit Board Stacking Connector with Separable Interface
E-G1-00134	CN		Granted	200680041887.2	11/6/2006	ZL200680041887.2	12/1/2010	11/6/2026	A Board to Board Interconnect Assembly
E-G1-00134	CA		Granted	2626854	11/6/2006	2626854	2/15/2011	11/6/2026	Printed Circuit Board Stacking Connector with Separable Interface
E-G1-00134	EP		Abandoned	06836982.6	11/6/2006				Printed Circuit Board Stacking Connector with Separable Interface
E-G1-00134	WO		Converted	US06/43204	11/6/2006				Printed Circuit Board Stacking Connector with Separable Interface
E-G1-00134	MX		Granted	MX/a/2008/006038	11/6/2006	280290	10/25/2010	11/6/2026	Printed Circuit Board Stacking Connector with Separable Interface
E-G1-00192	WO		Converted	US2007/24329	11/21/2007				Miniature Circular Connector System
E-G1-00192	EP		Converted	07867557.6	11/21/2007	2087560	1/26/2011	11/21/2027	Miniature Circular Connector System
E-G1-00192	KR		Granted	2009-7011086	11/21/2007	10-1083543	11/8/2011	11/21/2027	Miniature Circular Connector System
E-G1-00192	CN		Granted	200780044288.0	11/21/2007	ZL200780044288.0	12/28/2011	11/21/2027	Miniature Circular Connector System
E-G1-00192	IN		Pending	2555/DCLNP/2009	11/21/2007				Miniature Circular Connector System
E-G1-00192	JP		Granted	2009-539269	11/21/2007	5062863	8/17/2012	11/21/2027	Miniature Circular Connector System
E-G1-00192	SG		Granted	200902808-5	11/21/2007	151920	1/13/2012	11/21/2027	Miniature Circular Connector System
E-G1-00192	DE		Granted	07867557.6	11/21/2007	6020070122910-08	1/26/2011	11/21/2027	Miniature Circular Connector System

E-GI-00192	GB		Granted	07867557.6	11/21/2007	2087560	1/26/2011	11/21/2027	Miniature Circular Connector System
E-GI-00192	FR		Granted	07867557.6	11/21/2007	2087560	1/26/2011	11/21/2027	Miniature Circular Connector System
E-GI-00192	US		Granted	11/565813	12/1/2006	7699640	4/20/2010	2/21/2027	Miniature Circular Connector System
E-GI-00194	US		Granted	11/934276	11/2/2007	7481671	1/27/2009	11/2/2027	Mechanically Interconnected Foil Contact Array Having L-Shaped Contacts and Method of Making
E-GI-00194	US	L	Expired	60/864804	11/8/2006			11/8/2007	Mechanically Interconnected Foil Contact Array Having L-Shaped Contacts and Method of Making
E-GI-00195	US		Granted	11/934165	11/2/2007	7537463	5/26/2009	11/2/2027	Mechanically Interconnected Foil Contact Array and Method of Manufacturing
E-GI-00195	US	L	Expired	60/864850	11/8/2006			11/8/2007	Mechanically Interconnected Foil Contact Array and Method of Manufacturing
E-GI-00198	IN		Abandoned	444/D35LNP/2010	6/24/2008				Electrical Connector Interfaced With Conductive Ink On A Cardboard Substrate
E-GI-00198	AU		Abandoned	2008269152	6/24/2008				Electrical Connector Assembly for Use with a Blister Pack
E-GI-00198	US		Granted	11/768422	6/26/2007	7690174	4/20/2010	7/9/2028	Electrical Connector Interfaced with Conductive Ink on a Cardboard Substrate
E-GI-00198	CN		Abandoned	200880021753.3	6/24/2008				Electrical Connector Assembly for Use with a Blister Pack
E-GI-00198	WO		Converted	US2008/07849	6/24/2008				Electrical Connector Interfaced With Conductive Ink On A Cardboard Substrate
E-GI-00198	EP		Abandoned	08779748.6	6/24/2008				Electrical Connector Assembly for Use with a Blister Pack
E-GI-00226	US	1	Abandoned						
E-GI-00234	US		Abandoned	11/549327	10/13/2007				Electro-Surgical Device RF Energy Needle
E-GI-00239	US		Granted	11/623587	1/16/2007	7347741	3/25/2008	1/16/2027	Electrical Shorting Plate Contact With Locking Lances
E-GI-00252	US	2	Published	15/046403	2/17/2016				Multiple Wall Dimensionally Recoverable Tubing for Forming Reinforced Medical Devices
E-GI-00252	JP	1	Published	2015-052197	6/19/2008				Multiple Wall Dimensionally Recoverable Tubing for Forming Reinforced Medical Devices
E-GI-00252	US	1	Abandoned	11/820266	6/19/2007				Multiple Wall Dimensionally Recoverable Tubing for Forming Reinforced Medical Devices

E-GI-00252	JP		Abandoned	2010-513257	6/19/2008					Tubing for Forming Reinforced Medical Devices
E-GI-00252	WO		Converted	US2008/007721	6/19/2008					Multiple Wall Dimensionally Recoverable Tubing for Forming Reinforced Medical Devices
E-GI-00252	EP	1	Published	0879690.0	6/19/2008					Multiple Wall Dimensionally Recoverable Tubing for Forming Reinforced Medical Devices
E-GI-00269*	US	1	Expired	614013631	12/13/2010 ⁷				12/13/2008	Coaxial Cable to Printed Circuit Board Interface Module
E-GI-00269	US	2	Granted	12/315811	12/4/2008	8201328		6/19/2012	3/11/2031	Coaxial Cable to Printed Circuit Board Interface Module
E-GI-00283	CN		Abandoned	200810096657.7	3/17/2008					Double Beam Switch Contact
E-GI-00283	US		Granted	11/687054	3/16/2007	8106319		1/31/2012	1/8/2030	Double Beam Switch Contact
E-GI-00292	US	L	Expired	60864818	11/8/2006				11/8/2007	Method of Manufacturing an Interconnected Foil Contact Array
E-GI-00292	US		Granted	11/934191	11/2/2007	7987594		8/2/2011	1/4/2030	Method of Manufacturing an Interconnected Foil Contact Array
E-GI-00325	US	1	Abandoned	11/732372	4/5/2007					Electrode Lead Set for Measuring Physiologic Information
E-GI-00325	WO	1	Abandoned	US2008/004425	4/2/2008					Electrode Lead Set for Measuring Physiologic Information
E-GI-00325	TW	1	Abandoned	97111808	4/1/2008					Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	US	2	Abandoned	12/938248	11/2/2010					Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	WO	1	Converted	US2008/004421	4/2/2008					Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	TW	1	Abandoned	97111809	4/1/2008					Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	CN	1	Granted	200880011527.7	4/2/2008	ZL200880011527.7		10/5/2011	4/2/2028	Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	SG	1	Granted	200906496-5	4/2/2008	155726		3/31/2011	4/2/2028	Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	IN	1	Pending	6848/DELNP/2009	4/2/2008					Electrode Lead Set for Measuring Physiologic Information

E-GI-00336	K.R	1	Abandoned	10-2009-7022880	4/2/2008				Information
E-GI-00336	EP	1	Abandoned	08742573.2	4/2/2008				Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	JP	1	Abandoned	2010-582143	4/2/2008				Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	US		Granted	11732373	4/3/2007	7826882	11/2/2010	2/20/2028	Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	MX	1	Abandoned	MX/a/2009/010700	4/2/2008				Electrode Lead Set for Measuring Physiologic Information
E-GI-00336	CN	2	Abandoned	201110227213.4	4/2/2008				Electrode Lead Set for Measuring Physiologic Information
E-GI-00345	JP		Abandoned	2010-519975	8/6/2008				Spring Loaded Contact for Rotary Interface
E-GI-00345	WO		Converted	US2008/09437	8/6/2008				Spring Loaded Contact for Rotary Interface
E-GI-00345	CN		Abandoned	200889101971.8	8/6/2008				Spring Loaded Contact for Rotary Interface
E-GI-00345	EP		Abandoned	08795067.1	8/6/2008				Spring Loaded Contact for Rotary Interface
E-GI-00345	KR		Abandoned	10-2010-7002602	8/6/2008				Spring Loaded Contact for Rotary Interface
E-GI-00345	US		Abandoned	11835598	8/8/2007				Spring Loaded Contact for Rotary Interface
E-GI-00368	CN		Abandoned	200983118603.9	4/17/2009				Spring Loaded Contact for Rotary Interface
E-GI-00368	WO		Converted	US2009/02396	4/17/2009				High Density Circular Interconnect With Bayonet Action
E-GI-00368	US		Granted	12/126716	3/23/2008	7632126	12/15/2009	5/23/2028	High Density Circular Interconnect With Bayonet Action
E-GI-00368	EP		Published	09750917.8	4/17/2009				High Density Circular Interconnect With Bayonet Action
E-GI-00368	IL		Abandoned	209460	4/17/2009				High Density Circular Interconnect With Bayonet Action
E-GI-00368	KR		Abandoned	10-2010-7026044	4/17/2009				High Density Circular Interconnect With Bayonet Action
E-GI-00368	JP		Granted	2011-510487	4/17/2009	5674644	1/9/2015	4/17/2029	High Density Circular Interconnect With Bayonet Action
E-GI-00374	CN		Granted	200980104824.0	2/12/2009	ZL200980104824.0	6/5/2013	2/12/2029	High Density Circular Interconnect With Bayonet Action
E-GI-00374	WO		Converted	US2009/00923	2/12/2009				Stepped Connector
E-GI-00374	JP		Granted	2010-546787	2/12/2009	5518743	4/11/2014	2/12/2029	Stepped Connector

E-GI-00374	US	Expired	61/028060	2/12/2008				2/12/2009	Stepped Connector
E-GI-00374	EP	Published	09710050.7	2/12/2009					Stepped Connector
E-GI-00374	IL	Abandoned	207486	2/12/2009					Stepped Connector
E-GI-00374	US	1	12/378401	2/12/2009					Stepped Connector
E-GI-00388	EP	Abandoned	09780321.8	9/16/2009				7/17/2013	
E-GI-00388	CN	Granted	200980137923.9	9/16/2009			8221003	4/11/2029	
E-GI-00388	WO	Converted	US2009/005172	9/16/2009			ZL200980137923.9	9/16/2029	Rotationally Adjustable Connector Assembly
E-GI-00388	US	Granted	12/238483	9/26/2008			7611378		Rotationally Adjustable Connector Assembly
E-GI-00410	CA	Abandoned	2720918	10/1/2008				11/3/2009	Rotationally Adjustable Connector Assembly
E-GI-00410	WO	Converted	US2008/11342	10/1/2008					System & Method for Surgical Jaw Assembly
E-GI-00410	EP	Abandoned	08873815.8	10/1/2008					System & Method for Surgical Jaw Assembly
E-GI-00410	US	Abandoned	12/099226	4/8/2008					System & Method for Surgical Jaw Assembly
E-GI-00421	IN	Pending	6193/DEL/NP/2010	1/22/2009					Assembly
E-GI-00421	FR	Granted	09708611.0	1/22/2009			2250710	8/17/2011	Electrical Connector Having a Mechanical Mating Cycle Limitation
E-GI-00421	EP	Converted	09708611.0	1/22/2009			2250710	8/17/2011	Electrical Connector Having a Mechanical Mating Cycle Limitation
E-GI-00421	JP	Granted	2010-345861	1/22/2009			5244198	4/12/2013	Electrical Connector Having a Mechanical Mating Cycle Limitation
E-GI-00421	GB	Granted	09708611.0	1/22/2009			2250710	8/17/2011	Electrical Connector Having a Mechanical Mating Cycle Limitation
E-GI-00421	DE	Granted	09708611.0	1/22/2009			602009002198.2	8/17/2011	Electrical Connector Having a Mechanical Mating Cycle Limitation
E-GI-00421	WO	Converted	US2009/00388	1/22/2009					Electrical Connector Having a Mechanical Mating Cycle Limitation
E-GI-00421	US	Granted	12/028080	2/8/2008			7435112	10/14/2008	Electrical Connector Having a Mechanical Mating Cycle Limitation
E-GI-00421	CN	Granted	200980104438.1	1/22/2009			ZL200980104438.1	4/3/2013	Electrical Connector Having a Mechanical Mating Cycle Limitation
E-GI-00424	GB	Granted	09709568.1	1/22/2009			2245706	5/4/2016	Cable Clamp
E-GI-00424	IN	Pending	6193/DEL/NP/2010	1/22/2009					Cable Clamp
E-GI-00424	CN	Granted	200980104425.4	1/22/2009			ZL200980104425.4	10/30/2013	Cable Clamp
E-GI-00424	WO	Converted	US2009/00408	1/22/2009					Cable Clamp

E-GI-00424	JP	Granted	2010-545863	1/25/2009	5480821	4/23/2014	1/22/2019	Cable Clamp
E-GI-00424	EP	Converted	09709568.1	1/22/2009	2245706	5/4/2016	1/22/2019	Cable Clamp
E-GI-00424	FR	Granted	09709568.1	1/22/2009	2245706	5/4/2016	1/22/2019	Cable Clamp
E-GI-00424	US	Granted	12/027339	2/7/2008	7479027	1/20/2009	2/7/2008	Cable Clamp
E-GI-00424	DE	Granted	09709568.1	1/22/2009	602009038362.0	5/4/2016	1/22/2019	Cable Clamp
E-GI-00426	WO	Converted	US2009/02970	5/13/2009				High Density Rectangular Interconnect
E-GI-00426	EP	Converted	09758655.6	5/13/2009	2304853	7/11/2012	5/13/2019	High Density Rectangular Interconnect
E-GI-00426	JP	Abandoned	2011-512446	5/13/2009				High Density Rectangular Interconnect
E-GI-00426	US	Granted	12/132930	6/4/2008	7976342	7/12/2011	11/20/2028	High Density Rectangular Interconnect
E-GI-00426	FR	Granted	09758655.6	5/13/2009	2304853	7/11/2012	5/13/2019	High Density Rectangular Interconnect
E-GI-00426	DE	Granted	09758655.6	5/13/2009	602009008264.7	7/11/2012	5/13/2019	High Density Rectangular Interconnect
E-GI-00426	IL	Abandoned	209694	5/13/2009				High Density Rectangular Interconnect
E-GI-00426	JP	Granted	2014-005390	5/13/2009	3194975	11/26/2014	5/13/2019	High Density Rectangular Interconnect
E-GI-00426	KR	Pending	10-2011-7000117	5/13/2009				High Density Rectangular Interconnect
E-GI-00426	GB	Granted	09758655.6	5/13/2009	2304853	7/11/2012	5/13/2019	High Density Rectangular Interconnect
E-GI-00438	WO	Abandoned	US2009/005173	9/16/2009				Connector for Terminating a Ribbon Cable
E-GI-00438	US	Abandoned	12/236351	9/23/2008				Connector for Terminating a Ribbon Cable
E-GI-00439	EP	Abandoned	09789524.2	9/16/2009				Connector Assembly for Connecting an Electrical Lead to an Electrode
E-GI-00439	AU	Abandoned	2009297071	9/16/2009			9/16/2019	Connector assembly for connecting an electrical lead to an electrode
E-GI-00439	CN	Abandoned	200980137408.0	9/16/2009				Connector Assembly for Connecting an Electrical Lead to an Electrode
E-GI-00439	CA	Abandoned	2737621	9/16/2009				Connector Assembly for Connecting an Electrical Lead to an Electrode
E-GI-00439	US	Granted	12/236333	9/23/2008	8251736	8/28/2012	12/11/2028	Connector Assembly for Connecting an Electrical Lead to an Electrode
E-GI-00439	JP	Abandoned	2011-527816	9/16/2009				Connector Assembly for Connecting an Electrical Lead to an Electrode
E-GI-00439	WO	Converted	US2009/005175	9/16/2009				Connector Assembly for Connecting an Electrical Lead to an Electrode
E-GI-00439	KR	Abandoned	10-2011-7009236	9/16/2009				Connector Assembly for Connecting an Electrical Lead to an Electrode
E-GI-00440	US	Granted	12/236303	9/23/2008	7819710	10/26/2010	9/23/2028	Termination Cap for Terminating an Electrical

E-GI-00440	WO		Abandoned	US2009/005170	9/16/2009				Lead to an Electrode
E-GI-00446	US		Granted	12/109662	4/25/2008	7448902	11/11/2008	4/25/2028	Termination Cap for Terminating an Electrical Lead to an Electrode
E-GI-00446	WO		Abandoned	US2009/01509	3/10/2009				Mechanical Device Showing Prior Mating
E-GI-00447	EP		Abandoned	09734375.0	3/10/2009				Mechanical Device Showing Prior Mating
E-GI-00447	IN		Pending	8175/DEL NP/2010	3/10/2009				Medical Connector
E-GI-00447	US		Granted	12/109681	4/25/2008	7758369	7/20/2010	4/25/2028	Medical Connector
E-GI-00447	WO		Converted	US2009/01511	3/10/2009				Plug Connector for Use with a Receptacle (as amended)
E-GI-00447	CN		Granted	200980114401.7	3/10/2009	ZL200980114401.7	4/16/2014	3/10/2029	Medical Connector
E-GI-00453	US		Abandoned	12/116356	5/7/2008				Illuminated Circular Plastic Connector
E-GI-00453	WO		Abandoned	US2009/02318	4/14/2009				Illuminated Circular Plastic Connector
E-GI-00460	US		Granted	12/137737	6/12/2008	7481664	1/27/2009	6/12/2028	Electrical Connector Assembly
E-GI-00460	WO		Abandoned	US2009/02968	5/13/2009				Electrical Connector Assembly
E-GI-00487	US		Abandoned	12/191511	8/14/2008				EMI Shielded Electrical Connector
E-GI-00487	WO		Abandoned	US2009/004679	8/14/2009				EMI Shielded Electrical Connector
E-GI-00489	US		Abandoned	12/135255	6/9/2008				Electrical Contact Pin
E-GI-00489	WO		Abandoned	US2009/002965	5/13/2009				Electrical Contact Pin
E-GI-00503	US		Abandoned	12/244507	10/2/2008				Electrical Termination
E-GI-00503	WO		Abandoned	US2009/005442	10/1/2009				Electrical Termination
E-GI-00517	WO		Abandoned	US2009/006358	12/2/2009				Electrical Connector
E-GI-00517	US		Granted	12/327244	12/3/2008	8172627	5/8/2012	12/3/2028	Electrical Connector with Plated Plug and Receptacle (as amended)
E-GI-00533	US		Granted	12/359661	1/26/2009	7927140	4/19/2011	1/26/2029	Connector Overmold
E-GI-00533	WO		Abandoned	US2010/000154	1/22/2010				Connector Overmold
GI-00546	US		Abandoned	12/427799	4/22/2009				Image Guide Wire Connection
GI-00546	WO	1	Converted	US2010/001048	4/7/2010				Electrical Connector with a Quick Release Mechanism for a Guide Wire Routing Signals from a Sensor Locating Inside a Human Body
GI-00546	US	1	Granted	13/208863	8/12/2011	8942887	1/1/2015	4/22/2029	Image Guide Wire Connection
GI-00546	TW		Abandoned	99112334	4/30/2010				Image Guide Wire Connection

GI-00546	EP	1	Abandoned	10714701.9	4/7/2010				Electrical Connector with a Quick Release Mechanism for a Guide Wire Routing Signals from a Sensor Locating Inside a Human Body
GI-00546	JP	1	Abandoned	2012-507144	4/7/2010				Electrical Connector with a Quick Release Mechanism for a Guide Wire Routing Signals from a Sensor Locating Inside a Human Body
GI-00578	CN		Abandoned	201080006088.8	2/1/2010				Printed Circuit Assembly
GI-00578	JP		Abandoned	2011-547987	2/1/2010				Printed Circuit Assembly
GI-00578	KR		Abandoned	10-2011-7020361	2/1/2010				Printed Circuit Assembly
GI-00578	EP		Abandoned	10704613.8	2/1/2010				Printed Circuit Assembly
GI-00578	US		Granted	12/364333	2/2/2009	7972143		7/5/2011	Printed Circuit Assembly
GI-00578	WO		Converted	US2010/00277	2/1/2010				Printed Circuit Assembly
MD-00001	WO		Abandoned	US2010/000155	1/22/2010				Connector Receptacle with Molded Front Nut Gasket
MD-00001	US		Abandoned	12/360502	1/27/2009				Connector Receptacle with Molded Front Nut Gasket
MD-00002	CN		Granted	201080005637.X	1/22/2010	ZL201080005637.X		1/8/2014	Illuminated Panel-Mount Connector Receptacle
MD-00002	US		Granted	12/360523	1/27/2009	7708586		5/4/2010	Illuminated Panel-Mount Connector Receptacle
MD-00002	WO		Converted	US2010/000156	1/22/2010				Illuminated Panel-Mount Connector Receptacle
MD-00003	WO	1	Abandoned	US2010/001049	4/7/2010				Connector with Free Spinning Nut to Engage with Plug Housing and Angled Housing
MD-00003	US		Granted	12/420496	4/8/2009	7972161		7/5/2011	Connector with Free Spinning Nut to Engage with Plug Housing and Angled Housing
MD-00531	US		Granted	13/190373	7/25/2011	8430685		4/30/2013	Connector for FFC/FPC Cable Termination
MD-00533	US		Granted	13/190385	7/25/2011	8535089		9/17/2013	Connector for Thin FFC/FPC Termination
MD-00544	US		Abandoned	13/243922	9/23/2011				Optical Probe with Electric Motor
MD-00544	WO		Abandoned	US2012/056675	9/21/2012				Optical Prober with Electric Motor
MD-00545	WO		Converted	US2014/013672	1/29/2014				Interconnect Cable Having Insulated Wires with a Conductive Coating
MD-00545	KR		Pending	10-2015-7021059	1/29/2014				Interconnect Cable Having Insulated Wires with a Conductive Coating
MD-00545	CN		Pending	201480006211.A	1/29/2014				Interconnect Cable Having Insulated Wires with a Conductive Coating

MD-00545	US	Published	13/753339	1/29/2013				Interconnect Cable Having Insulated Wires with a Conductive Coating
MD-00545	JP	Published	2015-55434	1/29/2014				Interconnect Cable Having Insulated Wires with a Conductive Coating
MD-00545	EP	Pending	14704490.3	1/29/2014				Interconnect Cable Having Insulated Wires with a Conductive Coating
MD-00547	US	Abandoned	13/243957	9/23/2011				Diagnostic System with Hybrid Cable Assembly
MD-00547	WO	Abandoned	US2012/056703	9/21/2012				Hybrid Cable and Diagnostic System with a Hybrid Cable
MD-00549	US	Abandoned	13/243984	9/23/2011				Hybrid Cable Assembly
MD-00562	DE	Granted	14704982.9	1/29/2014	602014004630.4	11/2/2016	1/29/2034	Cable Having a Sparse Shield
MD-00562	FR	Granted	14704982.9	1/29/2014	2931840	11/2/2016	1/29/2034	Cable Having a Sparse Shield
MD-00562	EP	Converted	14704982.9	1/29/2014	2931840	11/2/2016	1/29/2034	Cable Having a Sparse Shield
MD-00562	US	1	14764533	7/29/2015				Cable Having a Sparse Shield
MD-00562	WO	Converted	US2014/013673	1/29/2014				Cable Having a Sparse Shield
MD-00562	GB	Granted	14704982.9	1/29/2014	2931840	11/2/2016	1/29/2034	Cable Having a Sparse Shield
MD-00562	JP	Published	2015-55435	1/29/2014				Cable Having a Sparse Shield
MD-00562	US	Published	13/753358	1/29/2013				Cable Having a Sparse Shield
MD-00562	KR	Pending	10-2015-7021058	1/29/2014				Cable Having a Sparse Shield
MD-00562	CN	Pending	201480006337.1	1/29/2014				Cable Having a Sparse Shield
MD-00572	US	Published	14/253162	4/15/2014				Cable Having a Sparse Shield
MD-00572	WO	Published	PCT/US15/025761	4/14/2015				Heat Dissipation Assemblies
MD-00584	US	Unfiled						
MD-00593	EP	Pending	14777438.4	9/12/2014				Cables for a Cable Bundle
MD-00593	US	Published	14/031808	9/19/2013				Cables for a Cable Bundle
MD-00593	CN	Published	201480051057.2	9/12/2014				Cables for a Cable Bundle
MD-00593	JP	Published	2016-543937	9/12/2014				Cables for a Cable Bundle
MD-00593	WO	Converted	PCT/US2014/055350	9/12/2014				Cables for a Cable Bundle
MD-00599	KR	Pending	10-2015-0126053	9/7/2015				
MD-00599	JP	Published	2015-171787	9/1/2015				Cable Assembly for Converting a Consecutive Signaling Arrangement to an Interleaved Signaling Arrangement

MD-00599	US	Published	14/482560	9/10/2014				Cable Assembly For Converting a Consecutive Signaling Arrangement To An Interleaved Signaling Arrangement
MD-00599	EP	Published	15183938.8	9/4/2015				
MD-00599	CN	Published	201510567612.3	9/8/2015				Cable Assembly for Converting a Consecutive Signaling Arrangement to an Interleaved Signaling Arrangement
MD-00600	US	Unfiled						
MD-00609	US	Published	14/483066	9/10/2014				Intracardiac Ultrasound Imaging Delivery Catheter
MD-00620	WO	Pending	PCT/US2016/049068	8/26/2016				Probe Assembly and System Including a Modular Device and a Cable Assembly
MD-00620	US	Pending	14/837842	8/27/2015				Probe Assembly and System Including a Modular Device and a Cable Assembly
MD-00629	US	Unfiled						
MD-00631	US	Pending	15/217782	7/22/2016				Lubricious Silicone Cable Jackets and Cable Assemblies Formed Therefrom
MD-00632	US	Pending	15/244945	8/23/2016				Transcatheter Aortic Valve Implantation Assembly with Integrated Imager
MD-00633	US	Unfiled						
TY-00360	US	Pending	14/837895	8/27/2015				Array Connector and Method of Manufacturing the Same
TY-00360	WO	Pending	PCT/US2016/049058	8/26/2016				Array Connector and Method of Manufacturing the Same

*Co-owner Teradyne, Inc.