

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
William David IRWIN		04/23/2008
Keith Edwin MILLER		04/23/2008
RECEIVING PARTY DATA		
Name:	TYCO ELECTRONICS CORPORATION	
Street Address:	1050 Westlakes Drive	
City:	Berwyn	
State/Country:	PENNSYLVANIA	
Postal Code:	19312	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12109662	
CORRESPONDENCE DATA		
Fax Number:	(717)237-5300	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	717-237-5455	
Email:	kkirk@mwn.com	
Correspondent Name:	Kerri J. Kirk	
Address Line 1:	100 Pine Street	
Address Line 4:	Harrisburg, PENNSYLVANIA 17101	
ATTORNEY DOCKET NUMBER:	E-GI-00446/09720-0262	
NAME OF SUBMITTER:	Kerri J. Kirk	
Total Attachments: 2		
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CH 12109662 \$40.00

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PATENT
REEL: 020856 FRAME: 0956

JOINT ASSIGNMENT

We, **William David IRWIN**, and, **Keith Edwin MILLER** who reside at 5362 Ridge Road, Elizabethtown, PA 17022 and 195 Root Road, Manheim, PA 17545, respectively, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

LIMITED USE ELECTRICAL CONNECTOR

which application was executed by the inventors on the date of execution of this assignment, and is identified by Attorney Docket Number **E-GI-00446/09720-0262**, and Tyco Electronics Corporation, whose address is 1050 Westlakes Drive, Berwyn, PA 19312, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs and legal representatives, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications

and the said letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us or our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the latest date accompanying our signatures, herein below.

In testimony whereof we have affixed our signatures.

Laurence G. Puhly 4/23/08
(Witness) Date
CHT GRJ 04/23/08
(Witness) Date

William D. Irwin 4/23/2008
William David IRWIN Date

Laurence G. Puhly 4/23/08
(Witness) Date
CHT GRJ 04/23/08
(Witness) Date

Keith E. Miller 4/23/2008
Keith Edwin MILLER Date