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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)

Jeffrey W. Mason, Wayne Stewart Alden, III, Chuan Yue, Shiraz Sameja, Peter Wapenski, Vishwa N. Shukla, Edward MacPherson, Robert D. Hilty and George Chou

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1/2/07, 1/2/07, 1/2/07, 1/2/07, 1/2/07,

- ☒ Assignment 1/2/07, 1/2/07, 1/2/07, 1/2/07, 1/2/07, respectively ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other \_\_\_\_\_

## 2. Name and address of receiving party(ies)

Name: Tyco Electronics Corporation

Internal Address: \_\_\_\_\_

Street Address: 2901 Fulling Mill RoadCity: MiddletownState: PennsylvaniaCountry: USA Zip: 17057Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address to whom correspondence concerning document should be mailed:

Name: Robert J. KapalkaInternal Address: Tyco Electronics CorporationStreet Address: 4550 New Linden Hill Road, Suite 140City: WilmingtonState: Delaware Zip: 19808-2952Phone Number: 302-633-2771Fax Number: 302-633-2776Email Address: rkapalka@tycoelectronics.com6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
- ☐ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers 8139Expiration Date 01/09

b. Deposit Account Number \_\_\_\_\_

Authorized User Name Jay J. Hoette

## 9. Signature:

Signature

January 3, 2007

Date

Jay J. Hoette

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Express Mail No.: EV 890215145 US

Atty. Dkt. No.: E-CC-00386 (SPLG 2215)

Docket No.E-CC-00386  
SPLG Docket No. 20958-2215

### **ASSIGNMENT**

We, **JEFFERY W. MASON** of 60 John Rezza Drive, North Attleboro, MA 02763, **WAYNE STEWART ALDEN, III** of 66 Dewey Avenue, Whitman, MA 02382, **CHUAN YUE** of 11 Walden Lane,, North Attleboro, MA 02760, and **SHIRAZ SAMEJA** of 835 Read Street, South Attleboro, MA 02703, **PETER WAPENSKI** of 24 Stanley Mowry Road, Foster, RI 02825, **VISHWA N. SHUKLA** of 40 Sumac Lane, North Attleboro, MA 02760, **EDWARD MacPHERSON** of 94 Woodstock Road, Attleboro, MA 02703, **ROBERT D. HILTY** of 6462 McCormick Lane, Harrisburg, PA 17111 and **GEORGE CHOU**, of 5365 Joshua Road, Mechanicsburg, PA 17050, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

### **ELECTRICAL INTERCONNECT DEVICE UTILIZING CONTACT CAPS**

which application was executed by the inventors on the date of execution of this assignment, and is identified by Attorney Docket No. E-CC-00386 (SPLG Docket No. 20958-2215) and Tyco Electronics Corporation whose address is 2901 Fulling Mill Road, Middletown, PA 17057 and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring 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 name(s) 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 me/us or my/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 signature(s), hereinbelow.

IN TESTIMONY WHEREOF, we have affixed our signature(s).

Quinnella S. Burns 1/2/07 Jeffery W. Mason 1/2/07  
(Witness) (Date) JEFFERY W. MASON (Date)

Quinnella S. Burns 1/2/07 Wayne S Alden 1/2/07  
(Witness) (Date) WAYNE STEWART ALDEN, (Date)  
III

Quinnella S. Burns 1/2/07 Chuan Yue 1/2/07  
(Witness) (Date) CHUAN YUE (Date)

Quinnella S. Burns 01/02/07 Shiraz Sameja 01/02/07  
(Witness) (Date) SHIRAZ SAMEJA (Date)

Quinnella S. Burns 1/2/07 Peter Wapenski 1/2/07  
(Witness) (Date) PETER WAPENSKI (Date)

Quinnella S. Burns 1/2/07 Vishwa N. Shukla 1/2/07  
(Witness) (Date) VISHWA N. SHUKLA (Date)

Quinnella S. Burns 1/2/07 Edward McPherson 1/2/07  
(Witness) (Date) EDWARD MCPHERSON (Date)

(Witness) (Date) ROBERT D. HILTY (Date)

(Witness) (Date) GEORGE CHOU (Date)

Docket No.E-CC-00386  
SPLG Docket No. 20958-2215

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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 name(s) 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 me/us or my/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.

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(Witness) (Date) **JEFFERY W. MASON** (Date)

(Witness) (Date) **WAYNE STEWART ALDEN, III** (Date)

(Witness) (Date) **CHUAN YUE** (Date)

(Witness) (Date) **SHIRAZ SAMEJA** (Date)

(Witness) (Date) **PETER WAPENSKI** (Date)

(Witness) (Date) **VISHWA N. SHUKLA** (Date)

(Witness) (Date) **EDWARD MacPHERSON** (Date)

(Witness)  2/02/07 (Date)  2/24/07 (Date)  
**ROBERT D. HILTY**

(Witness)  2/02/07 (Date)  1/2/07 (Date)  
**GEORGE CHOU**