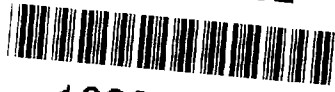


03-19-2002

FORM PTO-1595  
1/31/92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102021631

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof.

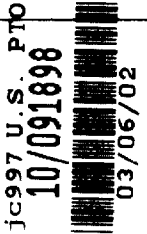
1. Name of conveying party(ies):

Jchn R. Shuey  
Jchn Wesley Hall, Jr.  
Jchn Mark Myer

03/06/02

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

Tyco Electronics Corporation  
2901 Fulling Mill Road  
Middletown, PA 17057



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

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other:

Execution Date: March 04, 2002

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

If this document is being filed together with a new application, the filing date of the application is: March 06, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Joseph Tessari  
Tyco Electronics Corporation  
4550 New Linden Hill Road  
Suite 450  
Wilmington, Delaware 19808-2952

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 13-0017

(Attach duplicate copy of this page if paying by deposit account)

03/18/2002 LMUELLER 00000273 10091898

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40.00 00

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature and Registration Number:

Joseph F. Harding

48,450

Date: March 6, 2002

Name of Person Signing:

Joseph F. Harding

ASSIGNMENT

I/We, John R. Shuey; John Wesley Hall, Jr.; and John Mark Myer

who reside at 1209 Montrose Circle, Mechanicsburg, PA 17055; 6091 Chambers Hill Road, Harrisburg, PA 17111; and 397 Walnut Hill Road, Millersville, PA 17551

have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

CONNECTOR POSITION ASSURANCE DEVICE

which application was executed by the inventor on the date of execution of this assignment, and is identified by Attorney Docket Number 17800 (MHM 12903US01),

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 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 me/us, receipt and sufficiency of which I/we hereby acknowledge, I/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 my/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 I/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 I/we have good right to assign the same to Assignee without encumbrance;

5. Bind my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to me/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 me/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 my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my 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 I/we have affixed my/our signature(s).

Brad Buchter  
(Witness)

3/4/02  
(Date)

John R. Shuey  
(John R. Shuey)

04 MAR 02  
(Date)

Douglas Hardy  
(Witness)

3/4/02  
(Date)

John Wesley Hall, Jr.  
(John Wesley Hall, Jr.)

04 MAR 02  
(Date)

Jim Roubal  
(Witness)

3/4/02  
(Date)

John Mark Myer  
(John Mark Myer)

04 MAR 02  
(Date)