

03-19-2003

Docket No. TYCO-18023 (AT20958-2099)
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U.S. DEPARTMENT OF COMMERCE 1/31/92

Trademark Office

ONLY

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

1. Name of conveying party(ies): **3.5.03**

Edward John Bright and Mai-Loan Thi Tran

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

3. Nature of conveyance:

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

Execution Date: March 5, 2003

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

Tyco Electronics Corporation
2901 Fulling Mill Road
Middletown, PA 17057

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

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

10379887

If this document is being filed together with a new application, the filing date of the application is: March 5, 2003

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:

Robert J. Kapalka
Tyco Electronics Corporation
4550 New Linden Hill Road
Suite 140
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: 01-2384

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

03/19/2003 ECDOPER 00000002 012384 10379887

DO NOT USE THIS SPACE

FC:8021 40.00 CH

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: Bruce T. Atkins 43,476 Date: 03-05-03

Name of Person Signing: Bruce T. Atkins

Docket No. 18023
(AT Docket No. 20958-2099)

ASSIGNMENT

We, Edward John Bright of 205 Spruce Street, Middletown, PA 17057 and Mai-Loan Thi Tran of 1205 Galloway Lane, Harrisburg, PA 17111, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled:

**RECEPTACLE ASSEMBLY HAVING SHIELDED RECEPTACLE CONNECTOR
INTERFACE WITH PLUGGABLE ELECTRONIC MODULE**

which application was executed by the inventors on the date of execution of this assignment, and is identified by Attorney Docket Number 18023 (AT Docket No. 20958-2099) 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 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 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 signature(s), hereinbelow.

In testimony whereof we have affixed our signature(s).

Jocelyn Kappenkuff
(Witness)

3-5-03
(Date)

Edward John Bright
Edward John Bright

3/05/03
(Date)

Jocelyn Kappenkuff
(Witness)

3-5-03
(Date)

Mai Loan Thi Tran
Mai-Loan Thi Tran

^{ms}
03/05/03
(Date)