

04-24-2002



HEET

4.10.02

102067606

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

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

Carsten BUCK, Michael FERSTL,  
Stefan LOEFFELHOLZ and Dirk REIFEL

Tyco Electronics AMP GmbH  
AMPèrestrasse 12-14  
64625 Bensheim  
Germany

3. Nature of conveyance: ASSIGNMENT

Effective Date: August 8, 2000

Execution Date(s): October 29, 2001, September 18, 2001, December 4, 2001 and September 25, 2001

OFFICE OF PATENT RECORDS  
2002 APR 10 AM 11:18  
FINANCE SECTION

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

09/920,702

Filing Date: August 2, 2001

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

Driscoll A. Nina  
TYCO TECHNOLOGY RESOURCES  
4550 New Linden Hill Road  
Suite 450  
Wilmington, DE 19808

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41) \$40.00  
AUTHORIZED TO BE CHARGED TO  
DEPOSIT ACCOUNT

8. Deposit Account #23-1950

ATTACH DUPLICATE COPY OF THIS PAGE

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.

Total number of pages including cover sheet, attachments, and document: 9

04/24/2002 GT0N11 00000006 231950 09920702

01 FC:581 40.00 CH

Docket No. 40983 US

Joseph A. Tessari  
Registration No. 32177  
Attorney for Applicant(s)  
Date: March 15, 2002

PATENT  
REEL: 12808 FRAME: 0600

**ASSIGNMENT**

We, Carsten BUCK, Michael FERSTL, Stefan LOEFFELHOLZ and Dirk REIFEL, who reside respectively at:

Hans-Kohl-Strasse 4, 64646 Heppenheim, Germany;

Grimmstrasse 16, 93049 Regensburg, Germany;

~~Georg-Beringer-Str. 2, 64653 Lorsch, Germany;~~ and Lindenstr. 16, 64653 Lorsch, Germany;

32, Rue du Clos des Vignes, 95610 Eragny sur Oise, France

have made certain inventions or discoveries (or both) set forth in a patent application in Germany entitled:

**"PROTECTIVE DEVICE IN A CONNECTOR ARRANGEMENT  
FOR OPTICAL FIBERS"**

which application was executed by the inventor(s) on the date(s) of execution of this assignment and is identified by Attorney Docket Number 40983, and German Patent Application No. 10038685.7 filed the 8th day of August, 2000,

and Tyco Electronics AMP GmbH whose address is AMPèrestrasse 12-14, 64625 Bensheim, Germany

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 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, 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 patent application in Germany, 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 name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the empowered officials of all 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 have not knowingly conveyed to others any right in said inventions, discoveries, applications or patent 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 have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me 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 or my 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 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 control or in the control of my 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 8th day of August, 2000.

In testimony whereof we have affixed our signatures.

Inventor 1: \_\_\_\_\_ Date: \_\_\_\_\_  
Carsten Buck

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor 2: \_\_\_\_\_ Date: \_\_\_\_\_  
Michael Ferstl

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor 3: Stefan Loeffelholz Date: 29.10.01  
Stefan Loeffelholz

Witness 1: J-B Date: 29.10.01

Witness 2: Dirk Reifel Date: 29.10.01

Inventor 4: \_\_\_\_\_ Date: \_\_\_\_\_  
Dirk Reifel

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

## ASSIGNMENT

We, Carsten BUCK, Michael FERSTL, Stefan LOEFFELHOLZ and Dirk REIFEL, who reside respectively at:

Hans-Kohl-Strasse 4, 64646 Heppenheim, Germany;  
 Grimmstrasse 16, 93049 Regensburg, Germany;  
 Georg-Beringer-Str. 2, 64653 Lorsch, Germany; and  
 32, Rue du Clos des Vignes, 95610 Eragny sur Oise, France

have made certain inventions or discoveries (or both) set forth in a patent application in Germany entitled:

### "PROTECTIVE DEVICE IN A CONNECTOR ARRANGEMENT FOR OPTICAL FIBERS"

which application was executed by the inventor(s) on the date(s) of execution of this assignment and is identified by Attorney Docket Number 40983, and German Patent Application No. 10038685.7 filed the 8th day of August, 2000,

and Tyco Electronics AMP GmbH whose address is AMPèrestrasse 12-14, 64625 Bensheim, Germany

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 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, 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 patent application in Germany, 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 name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the empowered officials of all 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 have not knowingly conveyed to others any right in said inventions, discoveries, applications or patent 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 have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me 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 or my 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 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 control or in the control of my 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 8th day of August, 2000.

In testimony whereof we have affixed our signatures.

Inventor 1: Carsten Buck Date: 18.09.01  
Carsten Buck

Witness 1: [Signature] Date: 18.09.01

Witness 2: Paula Capriglione Date: 18.09.01

Inventor 2: \_\_\_\_\_ Date: \_\_\_\_\_  
Michael Ferstl

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor 3: \_\_\_\_\_ Date: \_\_\_\_\_  
Stefan Loeffelholz

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor 4: \_\_\_\_\_ Date: \_\_\_\_\_  
Dirk Reifel

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

## **ASSIGNMENT**

We, Carsten BUCK, Michael FERSTL, Stefan LOEFFELHOLZ and Dirk REIFEL, who reside respectively at:

Hans-Kohl-Strasse 4, 64646 Heppenheim, Germany;  
Grimmstrasse 16, 93049 Regensburg, Germany;  
Georg-Beringer-Str. 2, 64653 Lorsch, Germany; and  
32, Rue du Clos des Vignes, 95610 Eragny sur Oise, France

have made certain inventions or discoveries (or both) set forth in a patent application in Germany entitled:

### **"PROTECTIVE DEVICE IN A CONNECTOR ARRANGEMENT FOR OPTICAL FIBERS"**

which application was executed by the inventor(s) on the date(s) of execution of this assignment and is identified by Attorney Docket Number 40983, and German Patent Application No. 10038685.7 filed the 8th day of August, 2000,

and Tyco Electronics AMP GmbH whose address is AMPèrestrasse 12-14, 64625 Bensheim, Germany

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 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, 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 patent application in Germany, 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 name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the empowered officials of all 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 have not knowingly conveyed to others any right in said inventions, discoveries, applications or patent 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 have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me 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 or my 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 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 control or in the control of my 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.

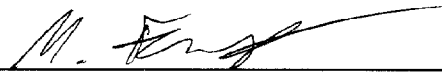
The effective date of this instrument is the 8th day of August, 2000.

In testimony whereof we have affixed our signatures.

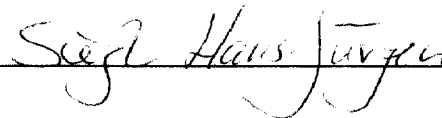
Inventor 1: \_\_\_\_\_ Date: \_\_\_\_\_  
Carsten Buck

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor 2:  Date: 4.12.2001  
Michael Ferstl

Witness 1:  Date: 4.12.2001

Witness 2:  Date: 4.12.01

Inventor 3: \_\_\_\_\_ Date: \_\_\_\_\_  
Stefan Loeffelholz

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor 4: \_\_\_\_\_ Date: \_\_\_\_\_  
Dirk Reifel

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

## **ASSIGNMENT**

We, Carsten BUCK, Michael FERSTL, Stefan LOEFFELHOLZ and Dirk REIFEL, who reside respectively at:

Hans-Kohl-Strasse 4, 64646 Heppenheim, Germany;  
Grimmstrasse 16, 93049 Regensburg, Germany;  
Georg-Beringer-Str. 2, 64653 Lorsch, Germany; and  
32, Rue du Clos des Vignes, 95610 Eragny sur Oise, France

have made certain inventions or discoveries (or both) set forth in a patent application in Germany entitled:

### **"PROTECTIVE DEVICE IN A CONNECTOR ARRANGEMENT FOR OPTICAL FIBERS"**

which application was executed by the inventor(s) on the date(s) of execution of this assignment and is identified by Attorney Docket Number 40983, and German Patent Application No. 10038685.7 filed the 8th day of August, 2000,

and Tyco Electronics AMP GmbH whose address is AMPèrestrasse 12-14, 64625 Bensheim, Germany

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 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, 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 patent application in Germany, 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 name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the empowered officials of all 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 have not knowingly conveyed to others any right in said inventions, discoveries, applications or patent 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 have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs and legal representatives, as well as myself, to do, upon Assignee's request and at its expense, but without additional consideration to me 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 or my 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 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 control or in the control of my 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 8th day of August, 2000.

In testimony whereof we have affixed our signatures.

Inventor 1: \_\_\_\_\_ Date: \_\_\_\_\_  
Carsten Buck

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor 2: \_\_\_\_\_ Date: \_\_\_\_\_  
Michael Ferstl

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

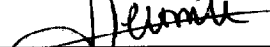
Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

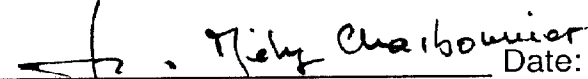
Inventor 3: \_\_\_\_\_ Date: \_\_\_\_\_  
Stefan Loeffelholz

Witness 1: \_\_\_\_\_ Date: \_\_\_\_\_

Witness 2: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor 4: \_\_\_\_\_ Date: 25.08.01  
Dirk Reifer

Witness 1:  \_\_\_\_\_ Date: 25.09.2001  
Lisette Lecomte

Witness 2:  \_\_\_\_\_ Date: 28.09.2001  
Michel Charbonnier