

12-26-2002

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PATENTS ONLY



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12/16/02

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):

Jacques LONGUEVILLE, Tom OCKET,  
Albert HOOLHORST and Peter BAERTSOEN

Tyco Electronics Belgium EC.V.  
Siemenslaan 14  
8020 Oostkamp  
Belgium

3. Nature of conveyance: ASSIGNMENT

Effective Date: February 11, 2000

Execution Date(s): November 26, 2002, November 20, 2002 and  
November 23, 2002

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2007 DEC 16 PM 2:43  
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):  
10/203,686

B. Patent No.(s):

PCT Filing Date: February 9, 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 140  
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

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: 7

*Robert J. Kapalka*

Robert J. Kapalka  
Registration No. 34198  
Attorney for Applicant(s)  
Date: December 11, 2002

Docket No. 40960 US

12/24/2002 DBYRNE 00000059 231950 10203686

01 FC:8021 40.00 CH

PATENT  
REEL: 013596 FRAME: 0374

## ASSIGNMENT

We, Jacques LONGUEVILLE, Tom OCKET, Albert HOOLHORST and Peter BAERTSOEN, who reside respectively at:

Leliestraat 1, 8020 Oostkamp, Belgium;  
 Kortemarkstraat 23, 8820 Torhout, Belgium;  
 Romanlaan 8, 4527 Be Aardenburg, The Netherlands; and  
~~Brandstraat 30~~, 9870 Zulte, Belgium  
 Vennestraat 18,

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

"PRINTED CIRCUIT BOARD"

which application was executed by the inventor(s) on the date(s) of execution of this assignment and is identified by Attorney Docket Number 40960, and German Patent Application No. 100 06 203.2 filed the 11th day of February, 2000,

and Tyco Electronics Belgium EC N.V. whose address is Siemenslaan 14, 8020 Oostkamp, Belgium

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 11th day of February, 2000.

In testimony whereof we have affixed our signatures.

Inventor 1: \_\_\_\_\_ Date: \_\_\_\_\_  
Jacques Longueville

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

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

Inventor 2: T Ocket Date: 20/11/02  
Tom Ocket

Witness 1: Koen Verengstraete Date: 20/11/02  
Koen Verengstraete

Witness 2: Fredrick Beun Date: 20/11/02  
Fredrick Beun

Inventor 3: \_\_\_\_\_ Date: \_\_\_\_\_  
Albert Hoolhorst

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

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

Inventor 4: Peter Baertsoen Date: 20.11.02  
Peter Baertsoen

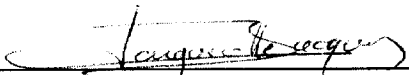
Witness 1: Yves Baertsoen Date: 20.11.02  
Yves Baertsoen

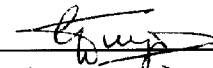
Witness 2: Mark Holli Date: 20/11/02  
Mark Holli

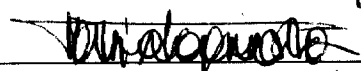
oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, 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 11th day of February, 2000.

In testimony whereof we have affixed our signatures.

Inventor 1:  Date: November 26, 2002  
Jacques Longueville

Witness 1:  Date: November 26, 2002  
Ghislaine De Vuyser

Witness 2:  Date: November 26, 2002  
JILANDA VANDEGRIESTE

Inventor 2: \_\_\_\_\_ Date: \_\_\_\_\_  
Tom Ocket

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

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

Inventor 3: \_\_\_\_\_ Date: \_\_\_\_\_  
Albert Hoolhorst

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

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

Inventor 4: \_\_\_\_\_ Date: \_\_\_\_\_  
Peter Baertsoen

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

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

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 11th day of February, 2000.

In testimony whereof we have affixed our signatures.

Inventor 1: \_\_\_\_\_ Date: \_\_\_\_\_  
Jacques Longueville

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

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

Inventor 2: \_\_\_\_\_ Date: \_\_\_\_\_  
Tom Ocket

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

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

Inventor 3: \_\_\_\_\_ Date: 23 - NOV - 2002  
Albert Hoolhorst

Witness 1: \_\_\_\_\_ Date: 23 - NOV - 2002  
FREDERIK HOOLHORST

Witness 2: \_\_\_\_\_ Date: 23 - NOV - 2002  
RITA VAN DEN BROSCKE

Inventor 4: \_\_\_\_\_ Date: \_\_\_\_\_  
Peter Baertsoen

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

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