

11-17-1998

RECORDATION FORM FOR
PATENTS ONLY

100901190

TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the at

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Patrick Schaumont
2. Serge Vernalde
3. Marc Engels

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

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

Name: IMEC vzw
Internal Address:
Street Address: Kapeldreef 75
City: B-3001 Leuven, Belgium

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

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

1. August 26, 1998
2. August 24, 1998
3. August 23, 1998

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

() Application(s) filed herewith Execution Date(s):

(X) Patent Application No.: 09/100,304
Filing Date: June 19, 1998

() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Stephen C. Jensen
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach State: CA ZIP: 92660
Attorney's Docket No.: IMEC104.001AUS

7. Total fee (37 CFR 3.41): \$40

- (X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: one

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.

Stephen C. Jensen
Name of Person Signing

Signature

Date

35,556
Registration No.

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:

11/13/1998 SCHAUMONT 00000166 09100304

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SCI-7783-vm
091798

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

KNOBBE, MARTENS, OLSON & BEAR, LLP
620 NEWPORT CENTER DR 16TH FLOOR NEWPORT BEACH, CA 92660
(949) 760-0404 FAX (949) 760-9502

PATENT
REEL: 9578 FRAME: 0009

ASSIGNMENT

WHEREAS, We, Patrick Schaumont, a Belgium citizen, residing at Nieuwstraat 16, B-3018 Wigmaal, Belgium; Serge Vernalde, a Belgium citizen, residing at Celestijnenlaan 13/11, B-3000 Heverlee, Belgium; Marc Engels, a Belgium citizen, residing at Rotselaarsesteenweg 152, B-3018 Wijgmaal, Belgium; Willy Petrus Elisa Trog, a Belgium citizen, residing at Adhemar Borinstraat 108, B-2070 Zwijndrecht, Belgium; Karel Stefaan Martha Maria De Meyer, a Belgium citizen, residing at Ploegsebaan 69, B-2930 Brasschaat, Belgium; Bart Jozef Maria De Ceulaer, a Belgium citizen, residing at Zandkapel 66, B-2200 Noorderwijk, Belgium; Marc Suzanne Paul Moonen, a Belgium citizen, residing at DeClercqlaan 3, B-3001 Heverlee, Belgium; and Piet Michel Albert Vandaele, a Belgium citizen, residing at Diksmuidestraat 27, B-8650 Merkem, Belgium, have invented certain new and useful improvements in a HIGH SPEED MODEM FOR A COMMUNICATION NETWORK for which we have filed an application for Letters Patent in the United States, Application No. 09/100,304, filed June 19, 1998;

AND WHEREAS, Interuniversitair Micro-Elektronica Centrum (IMEC vzw), a research center, with its principal place of business at Kapeldreef 75, B-3001 Leuven, Belgium, (hereinafter "ASSIGNEE") desires to acquire our entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all our rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue our rights in all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.


AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, Assignors intending to be legally bound has hereunto affixed its signature.

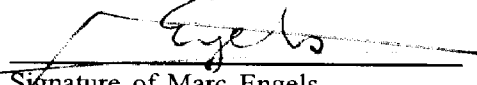
On this 26th day of August, 1998


Signature of Patrick Schaumont

On this 24th day of August, 1998


Signature of Serge Vernalde

On this 23rd day of August, 1998


Signature of Marc Engels

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

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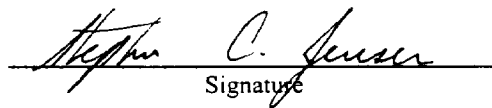
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