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HE ASSISTANT COMMISSIONER FOR PAILINIS

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

- Gerd Vandersteen
- Pierre Wambacq
- Stephane Donnay

Additional name(s) of conveying party(ies) attached?

Yes

(X)

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

Name: Interuniversitair Microelektronica Centrum

ocuments or copy thereof.

(IMEC)

Internal Address:

()

Street Address: Kapeldreef 75, 3001 City: Leuven State: Belgium ZIP:

Additional name(s) of receiving party(ies) attached?

Yes (X)

3.	Nature	of convey	ance:
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- (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) February 21, 2001, February 20, 2001 and February

- 22, 2001
- (1)
- (2)

- Application number(s) or Patent number(s):
 - Application(s) filed herewith Execution Date(s): ()
 - (X) Patent Application No.: 09/746039 Filing Date: December 22, 2000
 - Patent No.: () Issue Date:

Additional numbers attached? ()

Yes

(X)

No

40E

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

Name:

William C. Boling

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.: IMEC191.001AUS

Total fee (37 CFR 3.41): \$40

(X) Enclosed

Authorized to be charged to deposit account 0

Deposit account number: 11-1410

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

Total number of applications and patents involved: 1 6.

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.

William C. Boling Name of Person Signing

41,625

Registration No.

Total number of pages including cover sheet, attachments and document: 3

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

05/08/2001 DBYRNE

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U.S. Patent and Trademark Office Attn: Assignment Division Crystal Gateway-4 1213 Jefferson Davis Highway, Suite 320 Arlington, VA 22202

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> **PATENT** REEL: 011764 FRAME: 0765

PATENT

Application No.: 09/746,039 Client Code: IMEC191.001AUS
Filing Date: December 22, 2000 Page 1

ASSIGNMENT

WHEREAS, We, Gerd Vandersteen, a Belgian citizen, residing at Vogelstraat 65, 1600 Sint-Pieters-Leeuw, Belgium, Pierre Wambacq, a Belgian citizen, residing at Hazepad 1, 1702 Groot-Bijgaarden, Belgium, and Stephane Donnay, a Belgian citizen, residing at Schoolstraat 61 bus 5, 3020 Herent, Belgium, have invented certain new and useful improvements in a **SYSTEM AND METHOD FOR DETERMINING BIT-ERROR RATES** for which we have filed an application for Letters Patent in the United States, the specification of which was filed on December 22, 2000, as Application Serial No. 09/746,039;

AND WHEREAS, Interuniversitair Microelektronica Centrum (IMEC), a Belgium Corporation, with its principal place of business at Kapeldreef 75, 3001 Leuven, Belgium (hereinafter "ASSIGNEE") desires to acquire all of the rights, title, and interest in and to the said improvements and the said Application which we own:

NOW, THEREFORE, in consideration of 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, their successors, legal representatives and assigns, all of our rights, 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 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 all Letters Patent for said improvements to the said ASSIGNEE, their 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, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, each Assignor intending to be legally bound has hereunto fixed its signature.

On this	day of	, 20	Gerd Vandersteen	
On this 20	day of tibruing	, 20 <u>°</u> 1.	11 12	Х
On this 22 nd	day of February	, 20.01.	Stephane Donnay	Х

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PATENT

Application No.: 09/746,039 Client Code: IMEC191.001AUS Filing Date: December 22, 2000 Page 1

ASSIGNMENT

WHEREAS, We, Gerd Vandersteen, a Belgian citizen, residing at Vogelstraat 65, 1600 Sint-Pieters-Leeuw, Belgium, Pierre Wambacq, a Belgian citizen, residing at Hazepad 1, 1702 Groot-Bijgaarden, Belgium, and Stephane Donnay, a Belgian citizen, residing at Schoolstraat 61 bus 5, 3020 Herent, Belgium, have invented certain new and useful improvements in a **SYSTEM AND METHOD FOR DETERMINING BIT-ERROR RATES** for which we have filed an application for Letters Patent in the United States, the specification of which was filed on December 22, 2000, as Application Serial No. 09/746,039;

AND WHEREAS, Interuniversitair Microelektronica Centrum (IMEC), a Belgium Corporation, with its principal place of business at Kapeldreef 75, 3001 Leuven, Belgium (hereinafter "ASSIGNEE") desires to acquire all of the rights, title, and interest in and to the said improvements and the said Application which we own:

NOW, THEREFORE, in consideration of 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, their successors, legal representatives and assigns, all of our rights, 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 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 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 all Letters Patent for said improvements to the said ASSIGNEE, their 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, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, each Assignor intending to be legally bound has hereunto fixed its signature.

On this <u>Wednes</u>	day of <u>21 Feb.</u>	, 20 <u>01</u> .	Gerd Vantersteen
On this	day of	, 20	Pierre Wambacq
On this	day of	., 20	Stephane Donnay

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RECORDED: 05/08/2001