Client Code: IMEC665.001C1 RECORDATION FORM COVER SHEET **PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) 1) ~ 2): July 5, 2012 3): June 15, 2012 4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 13/482860 Filling Date: May 29, 2012 Additional numbers attached? () Yes (X) No 5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor In/ine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: IMEC665.001C1 7. Total fee (37 CFR 1.21(h)): \$40 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. 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. John M. Carson Name of Person Signing 34,303 Registration No. Total number of pages including cover sheet, attachments and document: 5	1. Name of conveying party(ies): (List using letters or numbers for multiple parties) 1) Klaas TACK 2) Andy LAMBRECHTS 3) Luc HASPESLAGH Additional name(s) of conveying party(ies) attached? () Yes (X) No	2. Name and address of receiving party(ies): Name: IMEC Street Address: Kapeldreef 75 City: Leuven Country: Belgium ZIP: 3001 Additional name(s) of receiving party(ies) attached?
Execution Date: (List as in section 1 if multiple signatures) 1) ~ 2): July 5, 2012 3): June 15, 2012 Additional numbers attached? () Yes (X) No 5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Invine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: IMEC865.001C1 7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account Please charge this account for any additional fees which may be required, or credit any overpayment to this account. 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. John M. Carson Name of Person Signing 34,303 Registration No. Total number of pages including cover sheet, attachments and document: 5	Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name	() Yes (X) No
Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: IMEC665.001C1 7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account Please charge this account for any additional fees which may be required, or credit any overpayment to this account. 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. John M. Carson Name of Person Signing 34,303 Registration No. Total number of pages including cover sheet, attachments and document: 5	Execution Date: (List as in section 1 if multiple signatures) 1) ~ 2): July 5, 2012	number(s): (X) Patent Application No.: 13/482860 Filing Date: May 29, 2012 Additional numbers attached?
Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Invine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: IMEC665.001C1 7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account Please charge this account for any additional fees which may be required, or credit any overpayment to this account. 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. John M. Carson Name of Person Signing Signature Total number of pages including cover sheet, attachments and document: 5	· ,	
Please charge this account for any additional fees which may be required, or credit any overpayment to this account. 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. John M. Carson Name of Person Signing 34,303 Registration No. Total number of pages including cover sheet, attachments and document: 5	Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502	
which may be required, or credit any overpayment to this account. 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. John M. Carson Name of Person Signing 34,303 Registration No. Total number of pages including cover sheet, attachments and document: 5	7. Total fee (37 CFR 1.21(h)): \$40	8. Deposit account number: 11-1410
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. John M. Carson Name of Person Signing 34,303 Registration No. Total number of pages including cover sheet, attachments and document: 5	(X) Authorized to be charged to deposit account	which may be required, or credit any overpayment
	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. John M. Carson Name of Person Signing Signature Sig	
Socuments transmitted via Eassimila to be recorded with required cover sheet information to:		

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director, U.S. Patent and Trademark Office P.O. Box 1450

Alexandria, VA 22313-1450 Facsimile Number: (571) 273-0140

13852584

PATENT REEL: 028992 FRAME: 0278 9/10/2012 3:28:47 PM

24/08 2012 13:42 FAX

Jennifer.Stedman

Channel-1

Page 3

Application No.: 13/482860 Filing Date: May 29, 2012

Docket Number: IMEC665.001C1

Page 1 of 4

ASSIGNMENT

WHEREAS, Klaas TACK, a Belgian citizen, residing at Buggenhout, Belgium, Andy LAMBRECHTS, a Belgian citizen, residing at Herent, Belgium, Luc HASPESLAGH, a Beigian citizen, residing at Linden, Belgium, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to INTEGRATED CIRCUIT FOR SPECTRAL IMAGING SYSTEM (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, IMEC, a Corporation, with its principal place of business at Kapeldreef 75, Leuven, 3001 Belgium (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). 61/265231, filed November 30, 2009 (respectively if plural applications)), and all nonprovisional applications claiming priority thereto. including, all divisions, continuations, continuations-in-part, reissues, and reexaminations 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 any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests 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 related Letters Patent to the ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

PATENT REEL: 028992 FRAME: 0279 9/10/2012 3:28:49 PM 24/08 2012 13:43 FAX Jennifer.Stedman

Channel-1

Page 4

Application No.: 13/482860 Filing Date: May 29, 2012

Docket Number: IMEC665,001C1

Page 2 of 4

This 5th day of July , 2012

Klaas TACK

Witnessed by:

Printed Name:

PATENT

REEL: 028992 FRAME: 0280

9/10/2012 3:28:51 PM 24/08 2012 13:43 FAX Jennifer.Stedman

Channel-1

"Page 5

Application No.: 13/482860 Filing Date: May 29, 2012

Docket Number: IMEC665.001C1

Page 3 of 4

This 5th day of July , 2012

Andy LAMBRECHTS

Witnessed by:

<u>Printed Name:</u>

PATENT

REEL: 028992 FRAME: 0281

9/10/2012 3:28:53 PM 24/08 2012 13:43 FAX Jennifer.Stedman

Channel-1

Page 6

Application No.: 13/482860 Filing Date: May 29, 2012 Docket Number: IMEC665.001C1

Haspeslagh

Page 4 of 4

This Sday of Jane 2012

Luc HASPESLAGH

Witnessed by:

Printed Name:

13446824

081312

PATENT

REEL: 028992 FRAME: 0282

RECORDED: 09/10/2012