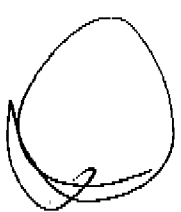


Client Code: IMEC560.001AUS

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

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

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Yu, HongYu 2. Chang, Shou-Zen 3. Hoffmann, Thomas Y. 4. Absil, Philippe</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p><b>Name:</b> Interuniversitair Microelektronica Centrum vzw (IMEC) <b>Street Address:</b> Kapeldreef 75 <b>City:</b> Leuven <b>Country:</b> Belgium <b>ZIP:</b> 3001</p> <p><b>Name:</b> Taiwan Semiconductor Manufacturing Company, Ltd. <b>Street Address:</b> 8 Li-Hsin Road 6 <b>City:</b> HsinChu <b>Country:</b> Taiwan <b>ZIP:</b> 300-077</p> <p>Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1. June 28, 2009 2. June 5, 2009 3. June 25, 2009 4. June 10, 2009</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p><input checked="" type="checkbox"/> Patent Application No.: 12/428,341 Filing Date: April 22, 2009</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995 <b>Address:</b> Knobbe, Martens, Olson &amp; Bear, LLP 2040 Main Street, 14<sup>th</sup> Floor Irvine, CA 92614 <b>Return Fax:</b> (949) 760-9502 <b>Attorney's Docket No.:</b> IMEC560.001AUS</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40.00</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>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.</p> <p><u>John M. Carson</u> Name of Person Signing</p> <p>34,303 Registration No.</p> <p style="text-align: center;"> Signature</p> <p style="text-align: right;">7/28/09 Date</p> <p>Total number of pages including cover sheet, attachments and document: 7</p>	

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

**Mail Stop Assignment Recordation Services**  
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700414073

**PATENT**  
**REEL: 023021 FRAME: 0873**

IMECS60.001AUS - Assignment

PATENT

ASSIGNMENT

WHEREAS, We, HongYu Yu, a Chinese citizen, residing at 50 Nanyang Avenue Block S2.2, Level B2, Room 45, 639798, Singapore; and Shou-Zen Chang, a Taiwanese citizen, residing at 12F, No. 1010-1, Sec. 4, Jhongsing Road, Jhudong Township, 310 Hsinchu Country, Taiwan; and Thomas Y. Hoffmann, a French citizen, residing at Kapucijnenvoer 114, #401, 3000 Leuven, Belgium; and Philippe Absil, a Belgian citizen, residing at 208 Chaussee de Nivelles, 1471 Loupoigne, Belgium; have invented certain new and useful improvements in a METHOD FOR FABRICATING A DUAL WORKFUNCTION SEMICONDUCTOR DEVICE AND THE DEVICE MADE THEREOF the specification of which was filed on April 22, 2009 as Application No. 12/428,341.

AND WHEREAS, Interuniversitair Microelektronica Centrum vzw (IMEC), with its principal place of business at Kapeldreef 75, 3001 Leuven, Belgium; and Taiwan Semiconductor Manufacturing Company, Ltd., with its principal place of business at 8 Li-Hsin Road 6, 300-077 HsinChu, Taiwan; desire to acquire the entire right, title, and interest in and to said improvements and said Application with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.


AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it 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 Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

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

IMEC560.001AUS - Assignment

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

This 28 day of June, 2009

  
\_\_\_\_\_  
Hong Yu Yu

szchang 2009/06/04 10:16:18

IMEC560.001AUS - Assignment


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

This 5<sup>th</sup> day of June, 2009 Shou-Zen Chang  
Shou-Zen Chang

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

This 25 day of June, 2009

  
\_\_\_\_\_  
Thomas Y. Hoffmann

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

This 10 day of JUNE, 2009

Philippe Absil

