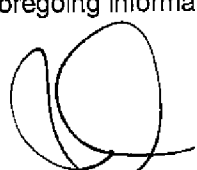


Client Code: IMEC485.001AUS

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

<p>1. Name of conveying party: (List using letters or numbers for multiple parties)</p> <p>Jiangbo Lu</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving parties:</p> <p>1) Name: Interuniversitair Microelektronica Centrum vza (IMEC)</p> <p>Internal Address:</p> <p>Street Address: Kapeldreef 75</p> <p>City: Leuven State: BELGIUM</p> <p>ZIP: 3001</p> <p>2) Name: Kathlieke Universiteit Leuven</p> <p>Internal Address: K.U. Leuven R&D</p> <p>Street Address: Minderbroedersstraat 8A, bus 5105</p> <p>City: Leuven State: BELGIUM</p> <p>ZIP: 3000</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement</p> <p>() Merger () Change of Name</p> <p>() Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>April 16, 2008</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 12/039,639</p> <p>Filing Date: February 28, 2008</p> <p>Additional numbers attached?</p> <p>() Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995</p> <p>Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: IMEC485.001AUS</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) 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><u>34,303</u> Registration No.</p> <p> Signature</p> <p><u>5/22/08</u> Date</p> <p>Total number of pages including cover sheet, attachments and document: 2</p>	

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ASSIGNMENT

WHEREAS, I, Jiangbo Lu, a Chinese citizen, residing at Leeuwerikenstraat 41/604, Leuven, 3001, Belgium, have invented certain new and useful improvements in a SYSTEM AND METHOD FOR MOTION DETECTION AND THE USE THEREOF IN VIDEO CODING the specification of which was filed on February 28, 2008 as Application No. 12/039,639.

AND WHEREAS, Interuniversitair Microelektronica Centrum vzw (IMEC), with its principal place of business at Kapeldreef 75, 3001 Leuven, Belgium; and Katholieke Universiteit Leuven, K.U.Leuven R&D, Minderbroedersstraat 8A, bus 5105, 3000 Leuven, Belgium, desires 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.

This 16 day of April, 2008



Jiangbo Lu

Witnessed by:

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