

10-05-2004

Client Code: IMEC328.001AUS R



To the Director, U.S. Patent and Tradem

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original documents or copy thereof.

<p>1. Name of conveying parties:</p> <p>1. Augustin Ion Gavrilescu 2. Adrian Munteanu</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><b>Name:</b> Interuniversitair Microelectronica Centrum (IMEC)</p> <p><b>Street Address:</b> Kapeldreef 75 <i>10-1-04</i></p> <p><b>City:</b> Leuven <b>Country:</b> Belgium <b>ZIP:</b> 3001</p> <p><b>Name:</b> Vrije Universiteit Brussel</p> <p><b>Street Address:</b> Pleinlaan 2</p> <p><b>City:</b> Brussel <b>Country:</b> Belgium <b>ZIP:</b> 1050</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>( ) Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment ( ) Security Agreement ( ) Merger ( ) Change of Name ( ) Other:</p> <p>Execution Date:</p> <p>1. September 1, 2004 2. September 1, 2004</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: <u>10/813,811</u> Filing Date: March 30, 2004</p> <p>Additional numbers attached?</p> <p>( ) Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995 <b>Return Fax:</b> (949) 760-9502 <b>Attorney's Docket No.:</b> IMEC328.001AUS</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) Enclosed</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>Eric M. Nelson</u> Name of Person Signing</p> <p><i>E. Nelson</i> Signature</p> <p><u>Sept. 28, 2004</u> Date</p> <p><u>43,829</u> Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 2</p>	

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PATENT  
REEL: 015839 FRAME: 0142

Application No.: 10/813,811  
Filing Date: March 30, 2004

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ASSIGNMENT

WHEREAS, We, Augustin Ion Gavrilescu, a Romanian citizen, residing at rue Beckers 36, 1040 Etterbeek, Belgium, Adrian Munteanu, a Romanian citizen, residing at Kroonlaan 327, 1050 Elsene, Belgium, have invented certain new and useful improvements in a EMBEDDED MULTIPLE DESCRIPTION SCALAR QUANTIZERS FOR PROGRESSIVE IMAGE TRANSMISSION for which we have filed an application for Letters Patent in the United States, Application No. 10/813,811 filed March 30, 2004;

AND WHEREAS, Interuniversitair Microelektronica Centrum (IMEC) with its principal place of business at Kapeldreef 75, 3001 Leuven, Belgium and Vrije Universiteit Brussel, with its principal place of business at Pleinlaan 2, 1050 Brussel, Belgium (hereinafter "ASSIGNEES"), desire to acquire the entire right, title, and interest in and to the said improvements and the said Application:

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 ASSIGNEES, their successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, 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 ASSIGNEES, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEES, his 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 ASSIGNEES, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

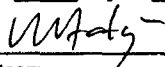
AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEES, their successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, 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, I hereunto set my hand and seal this 01 day of September, 2004

  
\_\_\_\_\_  
Augustin Ion Gavrilescu

WITNESSED:

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 01 day of September, 2004

  
\_\_\_\_\_  
Adrian Munteanu

WITNESSED:  
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