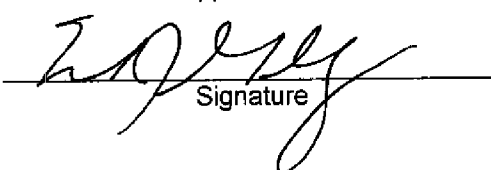


Client Code: QCO.195A

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director, U.S. Patent and Trade mark 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. Ion Bitu 2. Gang Xu 3. Mark Mienko 4. Lai Wang 5. Russell W. Gruhlke</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: QUALCOMM MEMS TECHNOLOGIES, INC.</p> <p>Street Address: 5775 Morehouse Drive</p> <p>City: San Diego State: CA</p> <p>ZIP: 92121</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: (List as in section 1 if multiple signatures)</p> <p>1. Feb. 9, 2009 2. Feb. 11, 2009 3. Feb. 9, 2009 4. Feb. 10, 2009 5. Feb. 10, 2009</p>	<p>4. US or PCT Application number:</p> <p>(X) Patent Application No.: 12/369,630</p> <p>Filing Date: February 11, 2009</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. 59,747</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.: QCO.195A</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 with the application number and filing date handwritten in.</p> <p><u>Mark J. Gallagher</u> Name of Person Signing</p> <p><u>43,622</u> Registration No.</p> <p><u></u> Signature</p> <p><u>8/27/09</u> Date</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

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

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PATENT
REEL: 023153 FRAME: 0267

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PATENT

Application No.: Unassigned
Filing Date: Herewith

Client Code: QCO.195A/071357
Page 1

ASSIGNMENT

WHEREAS, WE, Ion Bitu, a Romanian citizen, residing at 65 Rio Robles East, Apt. 1204, San Jose, CA 95134, Gang Xu, a United States citizen, residing at 10092 Amador Oak Court, Cupertino, CA 95014, Mark Mienko, a United States citizen, residing at 185 Estancia Drive, # 316, San Jose, CA 95134, Lai Wang, a Chinese citizen, residing at 1775 Milmont Drive, #R102, Milpitas, CA 95035, and, Russell W. Gruhlke, a United States citizen, residing at 1820 View Drive, Milpitas, CA 95035, have invented certain new and useful improvements in an DEVICES AND METHODS FOR ENHANCING BRIGHTNESS OF DISPLAYS USING ANGLE CONVERSION LAYERS for which we caused to be filed an application for Letters Patent in the United States; and we hereby authorize and request the attorneys of Knobbe, Martens, Olson & Bear, LLP, Customer No. 59,747, to insert here in parentheses (Application Number 12/319,630, filed 2-11-2009) the filing date and application number of said application when known;

AND WHEREAS, QUALCOMM MEMS Technologies, Inc. (hereinafter "ASSIGNEE"), a Delaware corporation, with its principal place of business at 5775 Morehouse Drive, San Diego, California 92121, U.S.A, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application.

NOW, THEREFORE, for 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, its 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 application(s) to which said Application claims, or is entitled to claim, priority, including but not limited to U.S. Provisional Application No. 61/028,145, filed February 12, 2008 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, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to the said ASSIGNEE, its 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 the said ASSIGNEE, 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 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, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

PATENT

REEL: 023153 FRAME: 0268

Application No.: Unassigned
Filing Date: Herewith

PATENT
Client Code: QCO.195A/071357
Page 2

2/9/09

DATE



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DATE

02/09/09

DATE

GANG XU



MARK MIENKO

Feb. 10, 09

DATE



LAI WANG

Feb- 10 09

DATE



RUSSELL W. GRUHLKE

IN TESTIMONY WHEREOF, acknowledged by QUALCOMM MEMS Technologies, Inc. this
day of _____, 20__.

QUALCOMM MEMS Technologies, Inc.

Name:

Title:

4793350:ems
012308

Application No.: Unassigned
Filing Date: Herewith

PATENT
Client Code: QCO:195A/071357
Page 2

DATE

Feb. 11, 2009
DATE

ION BITA

[Signature]
GANG XU

DATE

MARK MIENKO

DATE

LAI WANG

DATE

RUSSELL W. GRUHLKE

IN TESTIMONY WHEREOF, acknowledged by QUALCOMM MEMS Technologies, Inc. this
day of _____, 20__.

QUALCOMM MEMS Technologies, Inc.

Name:
Title:

4793350.cns
012308