


Client Code: QCO.092A/061124

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

<b>1. Name of conveying parties:</b> 1. Hsiung-Kuang Tsai 2. Wen-Jian Lin  3. Prime View International Co., Ltd. Additional name(s) of conveying party(ies) attached? ( ) Yes (X) No	<b>2. Name and address of receiving party:</b> <b>Name:</b> QUALCOMM MEMS Technologies, Inc. <b>Internal Address:</b> <b>Street Address:</b> 5775 Morehouse Drive <b>City:</b> San Diego <b>State:</b> California <b>ZIP:</b> 92121 Additional name(s) of receiving party(ies) attached? ( ) Yes (X) No
<b>3. Nature of conveyance:</b> (X) Assignment ( ) Security Agreement ( ) Merger ( ) Change of Name ( ) Other: Execution Date: 1. March 3, 2006 2. March 24, 2006 3. March 3, 2006	<b>4. US or PCT Application number or US Patent number:</b> (X) Patent No.: 6,882,461 Issue Date: April 19, 2005 Additional numbers attached? ( ) Yes (X) No
<b>5. Party to whom correspondence concerning document should be mailed:</b> <b>Customer No.</b> 59,747 <b>Address:</b> Knobbe, Martens, Olson & 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> QCO.092A	<b>6. Total number of applications and patents involved:</b> 1
<b>7. Total fee (37 CFR 1.21(h)):</b> \$40.00 (X) Authorized to be charged to deposit account	<b>8. Deposit account number:</b> 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
<b>9. Statement and signature.</b> 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. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <u>Mark M. Abumeri</u>            Name of Person Signing             43,458            Registration No.         </div> <div style="text-align: center;">             Signature         </div> <div style="text-align: center;"> <u>June 20, 2006</u>            Date         </div> </div> <p style="text-align: center;">Total number of pages including cover sheet, attachments and document: 3</p>	

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

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**PATENT**  
**REEL: 017823 FRAME: 0530**

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## PATENT

Patent No.: 6,882,461  
Issue Date: April 19, 2005

## ASSIGNMENT

WHEREAS, WE, Wen-Jian Lin, a Taiwanese citizen, and Hsiung-Kuang Tsai, a Taiwanese citizen, residing at \_\_\_\_\_ and \_\_\_\_\_

respectively, have invented certain new and useful improvements related to a MICRO ELECTRO MECHANICAL SYSTEM DISPLAY CBLL AND METHOD FOR FABRICATING THEREOF for which we have executed an application for Letters Patent in the United States, identified as United States Application No. 10/812,257, filed on March 29, 2004, now granted United States Patent No. 6,882,461;

AND WHEREAS, QUALCOMM MEMS Technologies, Inc. (hereinafter "ASSIGNEE"), a Delaware corporation, with its principal place of business at 5775 Morehouse Drive, San Diego, CA 92121-1714, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application and Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we 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, to and under the said improvements, and the said Application and Patent and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all rights of priority 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 have been or may be filed for said improvements in the United States; and we hereby authorize and request the Commissioner of Patents of 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 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 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 the United States.

IN TESTIMONY WHEREOF, WE hereunto set our hands and seal on the date noted herein below.

DATE: Mar 24 04 INVENTOR SIGNATURE: Wen-Jian Lin

DATE: March 3 2006 INVENTOR SIGNATURE: Hsiung-Kuang Tsai

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PATENT

REEL: 017823 FRAME: 0531

## PATENT

Patent No.: 6,882,461  
Issue Date: April 19, 2005

## ASSIGNMENT

WHEREAS, Prime View International Co., Ltd., a Taiwanese entity, (hereinafter "ASSIGNOR") having offices at No. 3, Li Shin Rd. 1, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C., represents that it has the entire right, title and interest in certain new and useful improvements related to a MICRO ELECTRO MECHANICAL SYSTEM DISPLAY CELL AND METHOD FOR FABRICATING THEREOF for which it has caused to have filed United States Application No. 10/812,257, filed on March 29, 2004, now granted United States Patent No. 6,882,461;

AND WHEREAS, QUALCOMM MEMS Technologies, Inc. (hereinafter "ASSIGNEE"), a Delaware corporation, with its principal place of business at 5775 Morehouse Drive, San Diego, CA 92121-1714, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application and Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR does hereby acknowledge that it has 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, to and under the said improvements, and the said Application and Patent 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 have been or may be filed for said improvements in the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of 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 ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to 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 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 ASSIGNOR HEREBY covenants and agrees that it will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR 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 the United States.

IN TESTIMONY WHEREOF, ASSIGNOR hereunto sets his hand and seal this 3 day of March, 2006

Prime View International Co., Ltd.

SIGNATURE: Hsiung-leung Tsai

PRINT NAME: Hsiung-leung Tsai

TITLE: CTO

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PATENT

RECORDED: 06/20/2006

REEL: 017823 FRAME: 0532