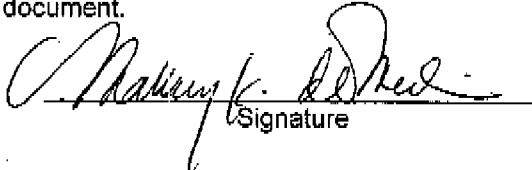


Client Code: QCO.034A3DV1

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

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. Lior Kogut                      4. Stephen Zee 2. Chengbin Qiu                5. Fan Zhong 3. Chun-Ming Wang  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>Street Address:</b> 5775 Morehouse Drive <b>City:</b> San Diego <b>State:</b> CA <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:  <b>Execution Date:</b> 1. October 5, 2006                  4. October 6, 2006 2. October 11, 2006                5. October 5, 2006 3. October 6, 2006	<b>4. US Patent Application:</b> (X) Patent Application No.: 12/766,702 <b>Filing Date:</b> April 23, 2010  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.034A3DV1	<b>6. Total number of applications and patents involved:</b> 1
<b>7. Total fee (37 CFR 1.21(h)):</b> \$40 (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;"> <div style="width: 30%;"> <u>Mallary K. de Merlier</u>            Name of Person Signing             51,609            Registration No.         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: center;"> <u>6-29-10</u>            Date         </div> </div> <div style="text-align: center; margin-top: 20px;"> <b>Total number of pages including cover sheet, attachments and document:</b> 3         </div>	

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

**Mail Stop Assignment Recordation Services**  
 Director, U.S. Patent and Trademark Office  
 P.O. Box 1450  
 Alexandria, VA 22313-1450  
**Facsimile Number: (571) 273-0140**

9262867/slm  
062610

700440219

**PATENT**  
**REEL: 024623 FRAME: 0640**

CH \$40.00 111410 12766702

Application No.: 11/506,600  
Filing Date: August 18, 2006

PATENT  
Client Code: QCO.034A3 / 050914U3  
Page 1

### ASSIGNMENT

WHEREAS, We, Lior Kogut, a citizen of Israel, residing at 920 Rockefeller Dr., Apt. 9a, Sunnyvale, CA 94087, Chengbin Qiu, a Canadian citizen, residing at 11482 Garden Terrace Dr., Cupertino, CA 95014, Chun-Ming Wang, a Taiwanese citizen, residing at 41730 Marigold Dr., Fremont, CA 94539, Stephen Zee, a United States citizen, residing at 2724 Cherry Avenue, San Jose, CA 95125, and Fan Zhong, a United States citizen, residing at 37497 Summer Holly Common, Fremont, CA 94536 have invented certain new and useful improvements in a MEMS DEVICES HAVING SUPPORT STRUCTURES WITH SUBSTANTIALLY VERTICAL SIDEWALLS AND METHODS FOR FABRICATING THE SAME for which we have filed an application for Letters Patent in the United States, Application No. 11/506,600, filed on August 18, 2006;

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, desires to acquire the entire right, title, and interest in and to said improvements and said Application.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, 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 said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and 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 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 said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to 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 said ASSIGNEE, its 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 5 day of October, 2006.

  
Lior Kogut

Application No.: 11/506,600  
Filing Date: August 18, 2006

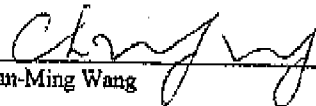
PATENT  
Client Code: QCO.034A3 / 050914U3  
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11th day of October, 2006.



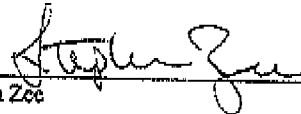
Chengbin Qiu

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6th day of October, 2006.



Chun-Ming Wang

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6 day of OCT, 2006.



Stephen Zee

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of Oct, 2006.



Fan Zhong

IN TESTIMONY WHEREOF, acknowledged by QUALCOMM MEMS Technologies, Inc.  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

QUALCOMM MEMS Technologies, Inc.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

2983959/100406:amh