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Client Code: QCO.119A/061212 RECORDATION FORM COVER SHEET PATENTS ONLY To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.	
 3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: 1. July 8, 2008 2. June 26, 2008 3. June 27, 2008 4. June 30, 2008 5. June 27, 2003 6. August 12, 2008 5. Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949);760-9502 Attorney's Docket No.: QCO.119A/061212 	 4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 12/061,592 Filing Date: April 2, 2008 Additional numbers attached? () Yes (X) No 6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)): \$40	8. Deposit account number: 11-1410
(X) Authorized to be charged to deposit account	Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
 9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. <u>Jeremy R. Pierce</u> Name of Person Signing 59,034 Registration No. 	a information is true and correct, and any attached copy
Total number of pages including cover	sheet, attachments and document: 6
Documents transmitted via Facsimile to be recorded with recorded Mail Stop Assignment Director, U.S. Patent a P.O. Bo	quired cover sheet information to: Recordation Services and Trademark Office ox 1450 A 22313-1450

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ASSIGNMENT

WHEREAS, we, Thanh Nghia Tu, a citizen of the United States of America, residing at 526 Doyle Road, #4, San Jose, CA 95129, Qi Luo, a citizen of China, residing at 6925 Silvergate Ct, San Jose, CA 95120, Chia Wei Yang, a citizen of Taiwan, residing at 7F-2, 582, Nan-Da Road, Hsinchu, Taiwan, David Heald, a citizen of the United States of America, residing at 976 Ballard Cyn. Road, Solvang, CA 93463, Evgeni Gousev, a citizen of Russia, residing at 20205 Saratoga Vista Court, Saratoga, CA 95070, and Chih-Wei Chiang, a citizen of Taiwan, residing at No. 5 13F-1, Lane No. 73, Chin-Kuo Road Sec. 3, Hsin-Chu City, have invented certain new and useful improvements in a ELIMINATE REBEASE ETCH ATTACK BY INTERFACE MODIFICATION IN SACRIFICIAL 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 12/061,592, filed April 2, 2008) 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, 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 I 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 me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and

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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.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this $\frac{2}{3}$ day of $\frac{7}{3}$.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of 3une, 2008

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 20__.

Chia Wei Yang

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 20__.

David Heald

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 20___.

Evgeni Gousev

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20___.

Chih-Wei Chiang

Application No.: Unassigned Filing Date: Herewith PATENT Client Code: QCO.119A /061212 Page 2

reissue applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE_x its successors, logal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hercunto set my hand and seal this ____ day of _____, 20__.

Thanh Nghia Tu

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of ______.

Qi Luo

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this $\frac{27}{20\%}$ day of $\frac{1}{1}$ and $\frac{1}{20\%}$.

Chia Mei Yang

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of ______, 20___

David Heald

IN TESTEMONY WHEREOF, I hereunto set my hand and seal this _____ day of ______ 20___.

Evgeni Gousev

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of ______ 20___

Chih-Wei Chiang

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Application No.: Unassigned Filing Date: Herewith	PATENT Client Code: QCO.119A /061212 Page 2	
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.		
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of, 20		
าา	anh Nghia Tu	
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of, 20		
Qi Luo		
IN TESTIMONY WHEREOF. I hereur 20	to set my hand and seal this day of,	
	hia Wei Yang to set my hand and seal this 30^{4} day of \underline{June} '08, \underline{D}	
David Heald IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27 day of 3442 , 20 20_{Evgeni} Gousev		
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of, 20		
	hih-Wei Chiang PATENT	

PATENT Client Code: QCO.119A /061212 Application No.: Unassigned Page 2 Herewith Filing Date: 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. IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of ______, 20__. ¢ Thanh Nghia Tu IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of ___ 20 Qi Luo IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of ______, 20 . Chia Wei Yang IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of ____ 20 David Heald IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 20 Evgeni Gousev IN TESTIMONY WHEREOF, I hereunto set my hand and seal this $\frac{12}{\text{day of } Ary}$. 2027.

> PATENT REEL: 021438 FRAME: 0251

RECORDED: 08/22/2008