

PATENT

Application No.: 12/061,592
Filing Date: April 2, 2008

Client Code: QCO.119A /061212
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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 RELEASE 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.

2008 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8 day of July


Thanh Nghia Tu

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


Qi Luo

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

Chia Wei Yang

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

David Heald

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

Evgeni Gousev

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

Chih-Wei Chiang

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

Thanh Nghia Tu

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

Qi Luo

20__ IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27 day of June,

Chia Wei Yang

Chia Wei Yang

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

David Heald

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

Evgeni Gousev

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

Chih-Wei Chiang

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

Thanh Nghia Tu

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

Qi Luo

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

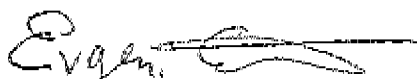
Chia Wei Yang

20__ IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 30th day of June, '08,



David Heald

20__ IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27 day of June,



Evgeni Gousev

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

Chih-Wei Chiang

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

Thanh Nghia Tu

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

Qi Luo

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

Chia Wei Yang

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

David Heald

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

Evgeni Gousev

2008 IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of Aug

Chih-Wei Chiang
Chih-Wei Chiang