

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jonathan C. Griffiths</td> <td>06/12/2009</td> </tr> <tr> <td>Gaurav Sethi</td> <td>06/12/2009</td> </tr> <tr> <td>James R. Webster</td> <td>06/12/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan C. Griffiths	06/12/2009	Gaurav Sethi	06/12/2009	James R. Webster	06/12/2009		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>QUALCOMM MEMS Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>5775 Morehouse Drive</td> </tr> <tr> <td>City:</td> <td>San Diego</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92121</td> </tr> </table>		Name:	QUALCOMM MEMS Technologies, Inc.	Street Address:	5775 Morehouse Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13479149</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13479149						
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CORRESPONDENCE DATA											
<p>Fax Number: 9497609502  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949-760-0404        Email: EFILING@KNOBBE.COM        Correspondent Name: Knobbe Martens Olson &amp; Bear LLP        Address Line 1: 2040 Main Street, 14th Floor        Address Line 4: Irvine, CALIFORNIA 92614</p>											
ATTORNEY DOCKET NUMBER:	QMRC.018D1										
NAME OF SUBMITTER:	JEFFERY L. HALLSTROM										
Signature:	/Jeffery L. Hallstrom/										
Date:	04/15/2013										
<p>Total Attachments: 3        source=AssignmentQMRC 018D1#page1.tif        source=AssignmentQMRC 018D1#page2.tif        source=AssignmentQMRC 018D1#page3.tif</p>											

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**ASSIGNMENT**

WHEREAS, We, Jonathan C. Griffiths, a US citizen, having a mailing address at 2581 Junction Avenue, San Jose, CA 95134-1923 and residing at Fremont, California, Gaurav Sethi, a US citizen, having a mailing address at 2581 Junction Avenue, San Jose, CA 95134-1923 and residing at Dublin, CA, and James R. Webster, a US citizen, having a mailing address at 2581 Junction Avenue, San Jose, CA 95134-1923 and residing at San Jose, CA, have invented certain new and useful improvements in a LARGE AREA LIGHT PANEL AND SCREEN 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 12/482,294 , filed June 10, 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, 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, the inventors, do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in said improvements, including the Application, any improvements made thereto, and any utility (non-provisional) application(s) claiming priority thereto that have been or may hereafter be filed; such filings including 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 for 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 ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

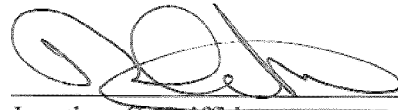
AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, 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 ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said

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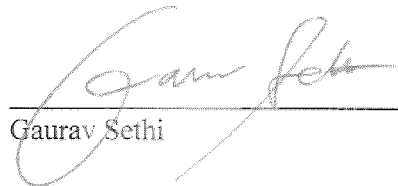
improvements, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the improvements, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application including any improvements made thereto, any utility (non-provisional) application(s) filed therefrom, and any continuing application(s) filed from aforementioned utility application(s), and generally do everything possible to aid the 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 12 day of June, 2009



Jonathan C. Griffiths

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12<sup>th</sup> day of June, 2009.



Gaurav Sethi

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12<sup>th</sup> day of June, 2009



James R. Webster

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

QUALCOMM MEMS Technologies, Inc.

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Name:  
Title:

6930768/bab/040309