

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>Pouya Bastani</td> <td>01/24/2013</td> </tr> <tr> <td>Alok Govil</td> <td>01/31/2013</td> </tr> <tr> <td>Behnam Bastani</td> <td>01/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Pouya Bastani	01/24/2013	Alok Govil	01/31/2013	Behnam Bastani	01/29/2013
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Pouya Bastani	01/24/2013								
Alok Govil	01/31/2013								
Behnam Bastani	01/29/2013								
RECEIVING PARTY DATA									
Name:	QUALCOMM MEMS Technologies, Inc.								
Street Address:	5775 Morehouse Drive								
City:	San Diego								
State/Country:	CALIFORNIA								
Postal Code:	92121-1714								
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>13759271</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13759271				
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CORRESPONDENCE DATA									
Fax Number:	5106630920								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	510-663-1100								
Email:	mheymann@wavsip.com								
Correspondent Name:	Weaver Austin Villeneuve & Sampson LLP								
Address Line 1:	PO Box 70250								
Address Line 4:	Oakland, CALIFORNIA 94612-0250								
ATTORNEY DOCKET NUMBER:	QUALP179								
NAME OF SUBMITTER:	Roger S. Sampson								
Total Attachments: 4 source=124179_QUALP179_Executed_Assignment_as_Filed_Feb_5_2013#page1.tif source=124179_QUALP179_Executed_Assignment_as_Filed_Feb_5_2013#page2.tif source=124179_QUALP179_Executed_Assignment_as_Filed_Feb_5_2013#page3.tif source=124179_QUALP179_Executed_Assignment_as_Filed_Feb_5_2013#page4.tif									

CH \$40.00 13759271

ASSIGNMENT

WHEREAS, WE,

1. **Pouya Bastani**, a citizen of Canada, having a mailing address located at 308-3575 Euclid Avenue, Vancouver, British Columbia, Canada, V5R 6H5 and a resident of Vancouver, British Columbia, Canada,
2. **Alok Govil**, a citizen of India, having a mailing address located at 322 Stocker Ct, Fremont, CA 94539 and a resident of Fremont, CA, and
3. **Behnam Bastani**, a citizen of Canada, having a mailing address located at 2638 Briarwood Drive, San Jose, CA, 95125 and a resident of San Jose, CA,

have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to **IMAGE-DEPENDENT TEMPORAL SLOT DETERMINATION FOR MULTI-STATE IMODS** (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, QUALCOMM MEMS Technologies, Inc. (hereinafter "ASSIGNEE"), a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, U.S.A., desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, including but not limited to those identified below.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 13/759,271 filed February 5, 2013, Qualcomm Reference No. 124179, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). _____, filed _____, Qualcomm Reference No. _____, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International

Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO 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 or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY represent that WE have full and exclusive, unencumbered right to sell, assign, convey and transfer all subject matter herein, and hereby covenant that WE have not and will not execute any writing or do any act whatsoever conflicting with these presents.

Done at Vancouver, Canada, on Jan. 24, 2013
LOCATION DATE

Pouya Bastani
Pouya Bastani

Done at _____, on _____
LOCATION DATE

Alok Govil

Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

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AND WE HEREBY represent that WE have full and exclusive, unencumbered right to sell, assign, convey and transfer all subject matter herein, and hereby covenant that WE have not and will not execute any writing or do any act whatsoever conflicting with these presents.

Done at _____, on _____
LOCATION DATE Pouya Bastani

Done at Fremont, CA, on Jan 31, 2013
LOCATION DATE Alok Govil

Done at San Jose, CA on 01/29/13
LOCATION DATE

Behnam Bastani
Behnam Bastani