

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3559820

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL JAMES WENGLER	03/04/2009
LEONID SHEYNBLAT	02/20/2009
MARK LEO MOEGLEIN	03/03/2009
ZOLTAN F. BIACS	02/19/2009
ARNOLD JASON GUM	02/10/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUALCOMM INCORPORATED
<b>Street Address:</b>	5775 MOREHOUSE DRIVE
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14877114
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)658-2502
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	858-658-4351
<b>Email:</b>	us-docketing@qualcomm.com
<b>Correspondent Name:</b>	QUALCOMM INCORPORATED
<b>Address Line 1:</b>	5775 MOREHOUSE DR.
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92121
<b>ATTORNEY DOCKET NUMBER:</b>	060307C1D1C1
<b>NAME OF SUBMITTER:</b>	GREG GERARDI
<b>SIGNATURE:</b>	/Greg Gerardi/
<b>DATE SIGNED:</b>	10/07/2015
<b>Total Attachments: 12</b>	
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source=060307C1D1C1\_2015-10-07\_ASST#page12.tif

## ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that I/We,

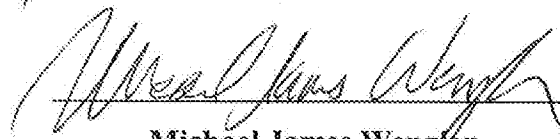
1. Michael James Wengler, a citizen of the United States, having a place of residence at 7314 Borla Place Carlsbad, CA 92009, USA; and
2. Leonid Sheynblat, a citizen of the United States, having a place of residence at 110 Reservoir Road Hillsborough, CA 94010, USA; and
3. Mark Leo Moeglein, a citizen of the United States, having a place of residence at 144 Sunnyview Street Ashland, OR 97520, USA; and
4. Zoltan F. Biacs, a citizen of the United States, having a place of residence at 1516 Cedarwood Drive San Mateo, CA 94403, USA; and
5. Arnold Jason Gum, a citizen of the United States, having a place of residence at 4610 Janet Place San Diego, CA 92115, USA;

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **METHOD AND APPARATUS FOR POSITION DETERMINATION WITH EXTENDED SPS ORBIT INFORMATION** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **February 5, 2009**, assigned Application Number **12/366,546** including, without limitation, all provisional patent applications, including Provisional Application Number **60/857,972** filed on **November 10, 2006** and **60/886,230** filed on **January 23, 2007** and **60/888,738** filed on **February 7, 2007** and **60/896,493** filed on **March 22, 2007** and **60/917,622** filed on **May 11, 2007** and **60/939,964** filed on **May 24, 2007**, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisions, and continuations thereof (Application Number **11/833,962** filed on **August 3, 2007**), including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that

I/we have full right to do so, and agree that I/we will communicate to said corporation or its representatives all facts known to me/us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Carlsbad, California this 4 day of March, 2009.

  
\_\_\_\_\_  
**Michael James Wengler**

Done at Hillsborough, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Leonid Sheynblat**

Done at Ashland, Oregon this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Mark Leo Moeglein**

Done at San Mateo, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Zoltan F. Biacs**

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Arnold Jason Gum**

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5. Arnold Jason Gum, a citizen of the United States, having a place of residence at 4610 Janet Place San Diego, CA 92115, USA;

have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **METHOD AND APPARATUS FOR POSITION DETERMINATION WITH EXTENDED SPS ORBIT INFORMATION** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **February 5, 2009**, assigned Application Number **12/366,546** including, without limitation, all provisional patent applications, including Provisional Application Number **60/857,972** filed on **November 10, 2006** and **60/886,230** filed on **January 23, 2007** and **60/888,738** filed on **February 7, 2007** and **60/896,493** filed on **March 22, 2007** and **60/917,622** filed on **May 11, 2007** and **60/939,964** filed on **May 24, 2007**, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisions, and continuations thereof (Application Number **11/833,962** filed on **August 3, 2007**), including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that

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Done at Carlsbad, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Michael James Wengler**

Done at Hillsborough, California this 20 day of February, 2009.

  
\_\_\_\_\_  
**Leonid Sheynblat**

Done at Ashland, Oregon this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Mark Leo Moeglein**

Done at San Mateo, California this 19 day of February, 2009.

  
\_\_\_\_\_  
**Zoltan F. Biacs**

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Done at San Diego, California this \_\_\_\_ day of \_\_\_\_\_, 2009.

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**Arnold Jason Gum**



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4. Zoltan F. Biacs, a citizen of the United States, having a place of residence at 1516 Cedarwood Drive San Mateo, CA 94403, USA; and
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Done at Carlsbad, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Michael James Wengler**

Done at Hillsborough, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Leonid Sheynblat**

Done at Ashland, Oregon this 3<sup>rd</sup> day of March, 2009.



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**Mark Leo Moeglein**

Done at San Mateo, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Zoltan F. Biacs**

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this \_\_\_\_ day of \_\_\_\_\_, 2009.

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**Arnold Jason Gum**

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Done at Carlsbad, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Michael James Wengler**

Done at Hillsborough, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Leonid Sheynblat**

Done at Ashland, Oregon this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Mark Leo Moeglein**

Done at San Mateo, California this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

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**Zoltan F. Biacs**

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 10<sup>th</sup> day of February, 2009.

  
Arnold Jason Gum