

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Alexei Yurievitch Gorokhov	11/15/2010
Amir Farajidana	11/16/2010
Juan Montojo	11/22/2010
<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>
<b>Application Number:</b>	12917420
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Email:</b>	us-docketing@qualcomm.com
<b>Correspondent Name:</b>	QUALCOMM Incorporated
<b>Address Line 1:</b>	5775 Morehouse Drive
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92121
<b>ATTORNEY DOCKET NUMBER:</b>	100244
<b>NAME OF SUBMITTER:</b>	Gayle Gestick

Total Attachments: 6  
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**REEL: 025649 FRAME: 0653**

**CH \$40.00 12917420**

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## 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 We,

1. Alexei Yurievitch Gorokhov, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, USA 92121; and a resident of San Diego, CA,

2. Amir Farajidana, a citizen of Iran, having a mailing address of 3135 Kifer Road, Santa Clara, California, USA 95051; and a resident of Sunnyvale, CA,

3. Juan Montojo, a citizen of the United States of America, having a mailing address of 5775 Morehouse Drive, San Diego, California, USA 92121; and a resident of San Diego, CA,

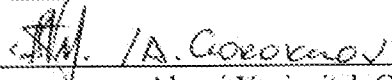
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **METHOD AND APPARATUS FOR HIERARCHICAL CODEBOOK DESIGN IN WIRELESS COMMUNICATION** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 11/01/2010, and assigned Serial No. **12/917,420**, including Provisional Application Number **61/257,420**, filed on 11/02/2009, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said

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invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to 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 San Diego, California this 15<sup>th</sup> day of November, 2010.

  
\_\_\_\_\_  
Alexei Yurievitch Gorokhov

Done at Santa Clara, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Amir Farajidana

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Juan Montojo

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Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Alexei Yurievitch Gorokhov

Done at Santa Clara, California this 16 day of Nov, 2010.

\_\_\_\_\_  
Amir Farajidana

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

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Juan Montojo

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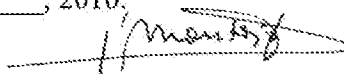
Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Alexei Yurievitch Gorokhov

Done at Santa Clara, California this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
Amir Farajidana

Done at San Diego, California this 22<sup>nd</sup> day of NOV., 2010.

  
\_\_\_\_\_  
Juan Montojo