

PATENT ASSIGNMENT

Electronic Version v1.1

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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>ALEXEI GOROKHOV</td> <td>02/16/2007</td> </tr> <tr> <td>AVNEESH AGRAWAL</td> <td>05/05/2007</td> </tr> <tr> <td>ARVIND VIJAY KEERTHI</td> <td>02/26/2007</td> </tr> </tbody> </table>		Name	Execution Date	ALEXEI GOROKHOV	02/16/2007	AVNEESH AGRAWAL	05/05/2007	ARVIND VIJAY KEERTHI	02/26/2007
Name	Execution Date								
ALEXEI GOROKHOV	02/16/2007								
AVNEESH AGRAWAL	05/05/2007								
ARVIND VIJAY KEERTHI	02/26/2007								
RECEIVING PARTY DATA									
Name:	QUALCOMM INC								
Street Address:	5775 Morehouse Drive								
City:	San Diego								
State/Country:	CALIFORNIA								
Postal Code:	92121								
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>13169280</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13169280				
Property Type	Number								
Application Number:	13169280								
CORRESPONDENCE DATA									
Fax Number:	8586582502								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	858-651-7644								
Email:	us-docketing@qualcomm.com								
Correspondent Name:	QUALCOMM INC.								
Address Line 1:	5775 Morehouse Drive								
Address Line 4:	San Diego, CALIFORNIA 92121								
ATTORNEY DOCKET NUMBER:	040519D1								
NAME OF SUBMITTER:	Fevian Miano								
Total Attachments: 5 source=040519_Assignment#page1.tif source=040519_Assignment#page2.tif source=040519_Assignment#page3.tif source=040519_Assignment#page4.tif source=040519_Assignment#page5.tif									

CH \$40.00 13169280

ASSIGNMENT

TO WHOM IT MAY CONCERN:

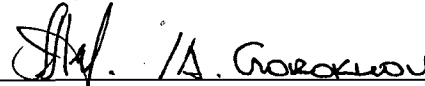
For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that **we, Alexei Gorokhov, a citizen of France having a place of residence at 12543 El Camino Real, San Diego, California, 92130, Avneesh Agrawal, a citizen of the United States having a place of residence at 7891 Doug Hill, San Diego, California, 92127 and Arvind Vijay Keerthi, a citizen of India having a place of residence at C-201 "Adarsh Gardens", 47th Cross, 8th Block, Jayanagar, Bangalore, India** 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 whole right, title and interest in and to a certain invention relating to:

HIERARCHICAL CODING FOR MULTICAST MESSAGES

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on December 5, 2006, and assigned Serial No. 11/567,296, including, without limitation, all provisional patent applications, 60/742,678 Filed December 5, 2005, 60/774,789 Filed February 17, 2006 and all original and reissue patents granted thereof, and all divisions, and continuations thereof, 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 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 16th day of February, 2007.



ALEXEI GOROKHOV

Done at San Diego, California this _____ day of _____, 2007.

AVNEESH AGRAWAL

Done at _____, _____ this _____ day of _____, 2007.

ARVIND VIJAY KEERTHI

ASSIGNMENT

TO WHOM IT MAY CONCERN:

For the sum of One Dollar and other valuable consideration to me in hand paid, receipt of which is hereby acknowledged, be it known that **we, Alexei Gorokhov, a citizen of France having a place of residence at 12543 El Camino Real, San Diego, California, 92130, Avneesh Agrawal, a citizen of the United States having a place of residence at 7891 Doug Hill, San Diego, California, 92127 and Arvind Vijay Keerthi, a citizen of India having a place of residence at C-201 "Adarsh Gardens", 47th Cross, 8th Block, Jayanagar, Bangalore, India** 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 whole right, title and interest in and to a certain invention relating to:

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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 _____, 2007.

ALEXEI GOROKHOV

Done at San Diego, California this 5th day of Mar, 2007.



AVNEESH AGRAWAL

Done at _____, _____ this _____ day of _____, 2007.

ARVIND VIJAY KEERTHI

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 _____, 2007.

ALEXEI GOROKHOV

Done at San Diego, California this _____ day of _____, 2007.

AVNEESH AGRAWAL

Done at Bangalore, INDIA this 26th day of February, 2007.

Arvind K

ARVIND VIJAY KEERTHI