

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Rajiv Vijayan</td> <td>05/21/2003</td> </tr> <tr> <td>Avneesh Agrawal</td> <td>07/09/2003</td> </tr> <tr> <td>Sanjay Jha</td> <td>05/16/2003</td> </tr> </tbody> </table>		Name	Execution Date	Rajiv Vijayan	05/21/2003	Avneesh Agrawal	07/09/2003	Sanjay Jha	05/16/2003		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>QUALCOMM Incorporated</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 Incorporated	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>13863256</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13863256						
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CORRESPONDENCE DATA											
<p>Fax Number: 8586582502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-658-4351 Email: us-docketing@qualcomm.com Correspondent Name: QUALCOMM INCORPORATED Address Line 1: 5775 MOREHOUSE DR. Address Line 4: SAN DIEGO, CALIFORNIA 92121</p>											
ATTORNEY DOCKET NUMBER:	020681C3										
NAME OF SUBMITTER:	Christine Molla										
Signature:	/Christine Molla/										
Date:	09/21/2013										
Total Attachments: 2 source=020681C3-Assignment#page1.tif source=020681C3-Assignment#page2.tif											

CH \$40.00 13863256

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, **Rajiv Vijayan**, a citizen of India, having a place of residence at 9604 Babauta Road, San Diego, California, 92129 and **Avneesh Agrawal**, a citizen of India, having a place of residence at 809 Pitkin Loop, San Jose, California 95125 and **Sanjay Jha**, a citizen of the United States, having a place of residence at 12386 Sycamore Ridge Court, San Diego, California, 92131; 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:

Peak-To-Average Power Ratio Management For Multi-Carrier Modulation In Wireless Communication Systems

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **February 18, 2003**, and assigned Serial No. 10/368,733 (and we hereby authorize and instruct **QUALCOMM Incorporated** to hereafter complete this Assignment by inserting the serial number in the space provided when known), including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations 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.

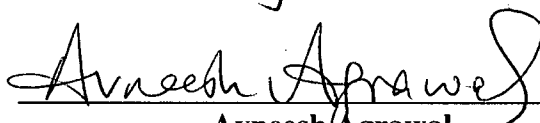
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 21st day of May, 2003.



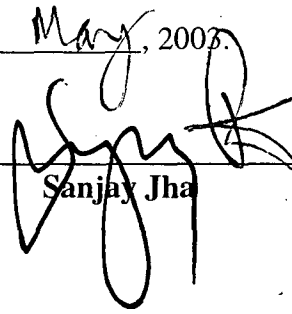
Rajiv Vijayan

Done at San Diego, California this 9th day of July, 2003.



Avneesh Agrawal

Done at San Diego, California this 16th day of May, 2003.



Sanjay Jha