

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xinzhou Wu</td> <td>11/02/2009</td> </tr> <tr> <td>Junyi Li</td> <td>10/28/2009</td> </tr> <tr> <td>Pramod Viswanath</td> <td>01/29/2010</td> </tr> </tbody> </table>		Name	Execution Date	Xinzhou Wu	11/02/2009	Junyi Li	10/28/2009	Pramod Viswanath	01/29/2010				
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>QUALCOMM Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>5775 Morehouse Drive</td> </tr> <tr> <td>Internal Address:</td> <td>Patent Department/Central Administration</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	Internal Address:	Patent Department/Central Administration	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (858)658-2502</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 858-845-4265</p> <p>Email: patent.docketing.us@qualcomm.com</p> <p>Correspondent Name: QUALCOMM INCORPORATED</p> <p>Address Line 1: 5775 MOREHOUSE DR.</p> <p>Address Line 4: SAN DIEGO, CALIFORNIA 92121</p>													
ATTORNEY DOCKET NUMBER:	092128												
NAME OF SUBMITTER:	Gina Golia												
<p>Total Attachments: 3</p> <p>source=092128_2010-02-11_ASST#page1.tif</p>													

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**PATENT**  
**REEL: 023924 FRAME: 0185**

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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. **Xinzhou Wu**, a citizen of **China**, having a mailing address of 500 Somerset Corporate Blvd, Bridgewater, New Jersey, 08807; and a resident of **Monmouth Junction, New Jersey**;
2. **Junyi Li**, a citizen of the **United States of America**, having a mailing address of 500 Somerset Corporate Blvd., Bridgewater, New Jersey, 08807, US, and a resident of **Chester, New Jersey** and
3. **Pramod Viswanath**, a citizen of **India**, having a mailing address of 500 Somerset Corporate Blvd., Bridgewater, New Jersey, 08807, US and a resident of **Champaign, Illinois**

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 **METHODS AND APPARATUS FOR CONTROLLING CHANNEL UTILIZATION** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **October 14, 2009** and assigned Serial No. **12/578,726**, including, without limitation, all provisional patent applications, 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 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

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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 Bridgewater, New Jersey this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Xinzhou Wu**

Done at Bridgewater, New Jersey this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
**Junyi Li**

Done at Champaign, Illinois this 29 day of Jan, 2009.

Pramod V.  
**Pramod Viswanath**

## ASSIGNMENT

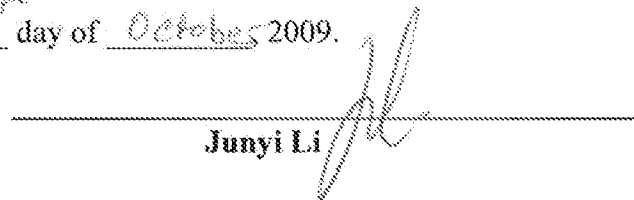
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The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Bridgewater, New Jersey this 2<sup>nd</sup> day of November, 2009.

  
Xinzhou Wu

Done at Bridgewater, New Jersey this 28<sup>th</sup> day of October, 2009.

  
Junyi Li

Done at Champaign, Illinois this \_\_\_\_\_ day of \_\_\_\_\_, 2009.

\_\_\_\_\_  
Pramod Viswanath