

PATENT ASSIGNMENT

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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>Xiaolong Huang</td><td>02/16/2010</td></tr><tr><td>Soumya Das</td><td>02/16/2010</td></tr></tbody></table>		Name	Execution Date	Xiaolong Huang	02/16/2010	Soumya Das	02/16/2010						
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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>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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PROPERTY NUMBERS Total: 1													
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Application Number:	12684577												
CORRESPONDENCE DATA													
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Gina Golia												
Total Attachments: 2 source=091893_2010-03-25_ASST#page1.tif source=091893_2010-03-25_ASST#page2.tif													

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REEL: 024154 FRAME: 0438

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. **Xiaolong Huang**, a citizen of **China**, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, US; and a resident of **San Diego, California** and
2. **Soumya Das**, a citizen of **India**, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, US; and a resident of **San Diego, California**;

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 **SYSTEMS AND METHODS FOR RESOURCE ALLOCATION SERVING COMMUNICATION REQUIREMENTS AND FAIRNESS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **January 8th, 2010**, and assigned Serial No. **12/684,577**, including Provisional Application Number **61/225,599**, filed on **July 15, 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 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

ASSIGNMENT

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 Feb, 2010.



Xiaolong Huang

Done at San Diego, California this 16th day of Feb, 2010.



Soumya Das