

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>Junyi Li</td><td>06/18/2008</td></tr><tr><td>Rajiv Laroia</td><td>06/18/2008</td></tr><tr><td>Saurabh Tavildar</td><td>06/18/2008</td></tr><tr><td>Thomas Richardson</td><td>06/23/2008</td></tr><tr><td>Xinzhou Wu</td><td>06/18/2008</td></tr><tr><td>Sanjay Shakkottai</td><td>06/18/2008</td></tr></tbody></table>	Name	Execution Date	Junyi Li	06/18/2008	Rajiv Laroia	06/18/2008	Saurabh Tavildar	06/18/2008	Thomas Richardson	06/23/2008	Xinzhou Wu	06/18/2008	Sanjay Shakkottai	06/18/2008	
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Sanjay Shakkottai	06/18/2008														
RECEIVING PARTY DATA															
Name:	QUALCOMM Incorporated														
Street Address:	5775 Morehouse Drive														
Internal Address:	Patent Department/Central Administration														
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>12146888</td></tr></tbody></table>	Property Type	Number	Application Number:	12146888											
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Application Number:	12146888														
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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ATTORNEY DOCKET NUMBER:	072026														

CH 12146888 \$40.00

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PATENT
REEL: 021161 FRAME: 0396

NAME OF SUBMITTER:

Gina Golia

Total Attachments: 3

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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. Junyi Li, a citizen of China P.R., having a place of residence 357 Wren Lane, Bedminster, NJ 07921, US;
2. Rajiv Laroia, a citizen of India, having a place of residence 7 Springcroft Road, Far Hills, NJ 07931, US;
3. Saurabh Tavildar, a citizen of India, having a place of residence 131 Dudley Street, Apt. 125, Jersey City, NJ 07302, US,
4. Thomas Richardson, a citizen of the United States, having a place of residence 420 Clark Street, South Orange, NJ 07079, US,
5. Xinzhou Wu, a citizen of China P.R., having a place of residence 1806 Sweet Briar Court, Monmouth Junction, NJ 08852, US,
6. Sanjay Shakkottai, a citizen of India, having a place of residence 10703 Keystone Bend, Austin, TX 78750, US,

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 PROVIDING QUALITY OF SERVICE IN A PEER TO PEER NETWORK** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on June 26, 2008, assigned Application Number 12/144,888 (and we hereby authorize and instruct QUALCOMM

ASSIGNMENT

Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space provided when known), 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 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 Bridgewater, NJ this 15th day of June, 2008.

Junyi Li

Done at Bridgewater, NJ this 18th day of June, 2008.


Rajiv Laroia

Done at Bridgewater, NJ this 18th day of June, 2008.

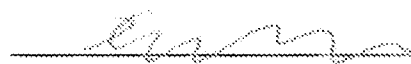
Saurabh Tavildar

ASSIGNMENT

Done at Bridgewater, NJ this 28 day of June, 2008.


Thomas Richardson

Done at Bridgewater, NJ this 18 day of June, 2008.


Xinzhou Wu

Done at Bridgewater, NJ this 18 day of June, 2008.


Sanjay Shakkottai