

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>Siddharth Ray</td> <td>06/09/2010</td> </tr> <tr> <td>Ritesh K. Madan</td> <td>06/15/2010</td> </tr> <tr> <td>Ashwin Sampath</td> <td>06/15/2010</td> </tr> <tr> <td>Sundeep Rangan</td> <td>08/15/2010</td> </tr> <tr> <td>Amab Das</td> <td>08/06/2010</td> </tr> </tbody> </table>		Name	Execution Date	Siddharth Ray	06/09/2010	Ritesh K. Madan	06/15/2010	Ashwin Sampath	06/15/2010	Sundeep Rangan	08/15/2010	Amab Das	08/06/2010
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Sundeep Rangan	08/15/2010												
Amab Das	08/06/2010												
RECEIVING PARTY DATA													
Name:	QUALCOMM Incorporated												
Street Address:	5775 Morehouse Drive												
City:	San Diego												
State/Country:	CALIFORNIA												
Postal Code:	92121-1714												
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>13556468</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13556468								
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Application Number:	13556468												
CORRESPONDENCE DATA													
Fax Number:	8586582502												
Phone:	(858) 651-5205												
Email:	usdocketing@qualcomm.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	QUALCOMM Incorporated												
Address Line 1:	5775 Morehouse Drive												
Address Line 4:	San Diego, CALIFORNIA 92121-1714												
ATTORNEY DOCKET NUMBER:	090695D1												
NAME OF SUBMITTER:	Violet Valles												

CH \$40.00 13556468

Total Attachments: 12

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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. Siddharth Ray, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, California, 92121, United States of America; and a resident of San Diego, California, United States of America,
2. Ritesh K. Madan, a citizen of India, having a mailing address of 500 Somerset Corporate Boulevard, Bridgewater, New Jersey, 08807, United States of America; and a resident of Jersey City, New Jersey, United States of America,
3. Ashwin Sampath, a citizen of the United States of America, having a mailing address of 500 Somerset Corporate Boulevard, Bridgewater, New Jersey, 08807, United States of America; and a resident of Skillman, New Jersey, United States of America,
4. Sundeep Rangan, a citizen of Canada, having a mailing address of 312 1/2 4th Street, Jersey City, New Jersey, 07302, United States of America; and a resident of of Jersey City, New Jersey, United States of America,
5. Arnab Das, a citizen of India, having a mailing address of 5325 Westbard Ave, Apt 1011, Bethesda, Maryland, 20816, United States of America; and a resident of Bethesda, Maryland,

ASSIGNMENT


United States of America,

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 **UTILITY MAXIMIZATION SCHEDULER FOR BROADBAND WIRELESS COMMUNICATION SYSTEMS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **May 19, 2010**, and assigned Serial No. **12/783,467**, including Provisional Application Number **61/180,666**, filed on **May 22, 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 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.

ASSIGNMENT

Done at San Diego, California this 09 day of June, 2010.



Siddharth Ray

Done at Bridgewater, New Jersey this _____ day of _____, 2010.

Ritesh K. Madan

Done at Bridgewater, New Jersey this _____ day of _____, 2010.

Ashwin Sampath

Done at Jersey City, New Jersey this _____ day of _____, 2010.

Sundeep Rangan

Done at Bethesda, Maryland this _____ day of _____, 2010.

Arnab Das

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ASSIGNMENT

Done at San Diego, California this _____ day of _____, 2010.

Siddharth Ray

Done at Bridgewater, New Jersey this 15th day of June, 2010.

Ritesh Madan

Ritesh K. Madan

Done at Bridgewater, New Jersey this 15th day of June, 2010.

Ashwin

Ashwin Sampath

Done at Jersey City, New Jersey this _____ day of _____, 2010.

Sundeep Rangan

Done at Bethesda, Maryland this _____ day of _____, 2010.

Arnab Das

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Done at Bridgewater, New Jersey this _____ day of _____, 2010.

Ritesh K. Madan

Done at Bridgewater, New Jersey this _____ day of _____, 2010.

Ashwin Sampath

Done at Jersey City, New Jersey this 15 day of Aug, 2010.

S. Rangan

Sundeep Rangan

Done at Bethesda, Maryland this _____ day of _____, 2010.

Arnab Das

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Ashwin Sampath

Done at Jersey City, New Jersey this _____ day of _____, 2010.

Sundeep Rangan

Done at Bethesda, Maryland this 6th day of AUG, 2010.

Arnob Das

Arnob Das