

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hemanth Sampath</td> <td>01/08/2009</td> </tr> <tr> <td>Jeremy H Lin</td> <td>01/08/2009</td> </tr> <tr> <td>Kurt W. Otte</td> <td>01/09/2009</td> </tr> <tr> <td>Rajat Prakash</td> <td>01/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hemanth Sampath	01/08/2009	Jeremy H Lin	01/08/2009	Kurt W. Otte	01/09/2009	Rajat Prakash	01/08/2009
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Jeremy H Lin	01/08/2009										
Kurt W. Otte	01/09/2009										
Rajat Prakash	01/08/2009										
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12349399</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12349399						
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Application Number:	12349399										
CORRESPONDENCE DATA											
Fax Number:	(858)658-2502										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(858) 651-5205										
Email:	usdocketing@qualcomm.com										
Correspondent Name:	QUALCOMM Incorporated										
Address Line 1:	5775 Morehouse Drive										
Address Line 4:	San Diego, CALIFORNIA 92121-1714										
ATTORNEY DOCKET NUMBER:	080983										
NAME OF SUBMITTER:	Carolyn Mascitelli										
Total Attachments: 4 source=080983_ASSIGN#page1.tif											

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ASSIGNMENT

TO WHOM IT MAY CONCERN:

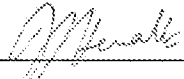
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. Hemanth Sampath, a citizen of India, having a place of residence at 3745 Carmel View Road, San Diego, California, 92130, United States of America;
2. Jeremy H. Lin, a citizen of the United States, having a place of residence at 5775 Morehouse Drive, San Diego, California, 92121, United States of America;
3. Kurt W. Otte, a citizen of the United States, having a place of residence at 1396 Lombardi St., Boulder, Colorado, 80516, United States of America; and
4. Rajat Prakash, a citizen of India, having a place of residence at 8609 Via Mallorca, Unit B, La Jolla, California, 92037, 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 **REFERENCE SIGNAL MANAGEMENT IN MOBILE SYSTEMS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **January 6, 2009**, assigned Application Number **12/349,399**, including, without limitation, all provisional patent applications, including Provisional Application Number **61/040,617** filed on **March 28, 2008**, 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 San Diego, California this 8th day of Jan, 2009.



Hemanth Sampath

Done at San Diego, California this _____ day of _____, 2009.

Jeremy H. Lin

Done at Boulder, Colorado this _____ day of _____, 2009.

Kurt W. Otte

Done at La Jolla, California this 08 day of Jan, 2009.



Rajat Prakash

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 _____ day of _____, 2009.

Hemanth Sampath

Done at San Diego, California this 8 day of January, 2009.



Jeremy H. Lin

Done at Boulder, Colorado this _____ day of _____, 2009.

Kurt W. Otte

Done at La Jolla, California this _____ day of _____, 2009.

Rajat Prakash

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 _____ day of _____, 2009.

Hemanth Sampath

Done at San Diego, California this _____ day of _____, 2009.

Jeremy H. Lin

Done at Boulder, Colorado this 9th day of Jan, 2009.



Kurt W. Otte

Done at La Jolla, California this _____ day of _____, 2009.

Rajat Prakash