

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rajiv Laroia</td> <td>05/21/2008</td> </tr> <tr> <td>Frank A. Lane</td> <td>05/21/2008</td> </tr> <tr> <td>Junyi Li</td> <td>05/21/2008</td> </tr> <tr> <td>Tom Richardson</td> <td>05/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Rajiv Laroia	05/21/2008	Frank A. Lane	05/21/2008	Junyi Li	05/21/2008	Tom Richardson	05/21/2008		
Name	Execution Date												
Rajiv Laroia	05/21/2008												
Frank A. Lane	05/21/2008												
Junyi Li	05/21/2008												
Tom Richardson	05/21/2008												
RECEIVING PARTY DATA													
<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
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" 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>11652245</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11652245								
Property Type	Number												
Application Number:	11652245												
CORRESPONDENCE DATA													
<p>Fax Number: (858)658-2502 <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:	060645U6												
NAME OF SUBMITTER:	Gina Golia												

CH \$40.00 11652245

500857368

PATENT
REEL: 022669 FRAME: 0297

Total Attachments: 2

source=060645U6_2009-05-12_ASST#page1.tif

source=060645U6_2009-05-12_ASST#page2.tif

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,

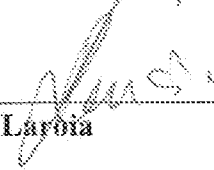
1. **Rajiv Laroia**, a citizen of IN, having a place of residence at 7 Springcroft Road, Far Hills, NJ 07931, US;
2. **Frank A. Lane**, a citizen of the US, having a place of residence at 208 Turkey Hill Road, Asbury, NJ 08802, US;
3. **Junyi Li**, a citizen of CN, having a place of residence at 357 Wren Lane, Bedminster, NJ 07921, US; and
4. **Tom Richardson**, a citizen of the US, having a place of residence at 420 Clark Street, South Orange, NJ 07079, 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 **WIRELESS COMMUNICATION METHODS AND APPARATUS USING BEACON SIGNALS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 10, 2007, assigned Application Number **11/652,245**, including, without limitation, all provisional patent applications, including Provisional Application Nos. 60/758,010, filed 01/11/2006; 60/758,011, filed 01/11/2006; 60/758,012, filed 01/11/2006; 60/845,052, filed 09/15/2006; 60/845,051, filed 09/15/2006; 60/863,304, filed 10/27/2006, 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.

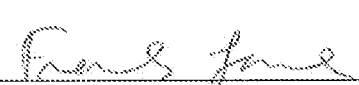
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Bridgewater NJ this 21st day of May, 2008.



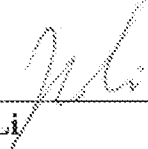
Rajiv Laroia

Done at Bridgewater NJ this 21st day of May, 2008.



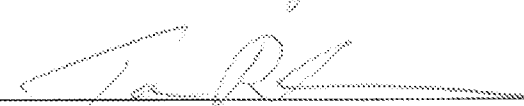
Frank A. Lane

Done at Bridgewater, NJ this 21st day of May, 2008.



Junyi Li

Done at Bridgewater NJ this 21st day of May, 2008.



Tom Richardson