

# PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                           |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
|--|--|---------------|-----------------------|---------------------|----------------------|-------------------|--|---------------|------------|----------------|------------|--------------|-------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT                               |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| <b>CONVEYING PARTY DATA</b>  |  |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| <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>Dilip Krishnaswamy</td> <td>10/07/2009</td> </tr> <tr> <td>Robert Daley</td> <td>10/07/2009</td> </tr> <tr> <td>Samir Soliman</td> <td>10/07/2009</td> </tr> <tr> <td>Soumya Das</td> <td>10/07/2009</td> </tr> </tbody> </table>  |  | Name          | Execution Date        | Dilip Krishnaswamy  | 10/07/2009           | Robert Daley      | 10/07/2009                               | Samir Soliman | 10/07/2009 | Soumya Das     | 10/07/2009 |              |       |
| Name   | Execution Date                           |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| Dilip Krishnaswamy   | 10/07/2009                               |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| Robert Daley   | 10/07/2009                               |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| Samir Soliman  | 10/07/2009                               |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| Soumya Das   | 10/07/2009                               |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| <b>RECEIVING PARTY DATA</b>  |  |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| <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                                    |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12577541</td> </tr> </tbody> </table>  |  | Property Type | Number                | Application Number: | 12577541             |                   |  |               |            |                |            |              |       |
| Property Type  | Number                                   |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| Application Number:  | 12577541                                 |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| <b>CORRESPONDENCE DATA</b>   |  |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| <p>Fax Number: (858)658-2502</p> <p><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:  | 072238                                   |               |                       |                     |                      |                   |  |               |            |                |            |              |       |
| NAME OF SUBMITTER:   | Gina Golia                               |               |                       |                     |                      |                   |  |               |            |                |            |              |       |

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**PATENT**  
**REEL: 023358 FRAME: 0934**

Total Attachments: 2

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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. **Dilip Krishnaswamy**, a citizen of **the United States of America**, having a mailing address of 5775 Morehouse Drive, San Diego, CA, and a resident of **San Diego, California**;
2. **Robert Daley**, a citizen of **the United States of America**, having a mailing address of 5775 Morehouse Drive, San Diego, CA, and a resident of **Del Mar, California**;
3. **Samir Soliman**, a citizen of **the United States of America**, having a mailing address of 5775 Morehouse Drive, San Diego, CA, and a resident of **San Diego, California** and
4. **Soumya Das**, a citizen of **India**, having a mailing address of 5775 Morehouse Drive, San Diego, CA, 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 **WIRELESS WIDE AREA NETWORK TECHNOLOGY AGGREGATION AND BROADCAST** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on October 12, 2009, and assigned Serial No. 12/577,541, (and I hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space provided when known), 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

## ASSIGNMENT

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.

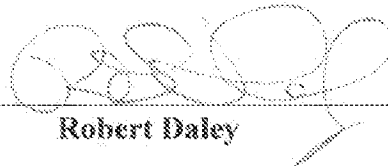
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 7<sup>th</sup> day of October, 2009.



Dilip Krishnaswamy

Done at San Diego, California this 7 day of October, 2009.



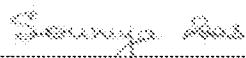
Robert Daley

Done at San Diego, California this 7 day of Oct., 2009.



Samir Soliman

Done at San Diego, California this 7<sup>th</sup> day of October, 2009.



Soumya Das