

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| 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>Damanjit Singh</td> <td>02/03/2010</td> </tr> <tr> <td>Manoj M. Deshpande</td> <td>02/03/2010</td> </tr> <tr> <td>Osok Song</td> <td>02/03/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Damanjit Singh | 02/03/2010 | Manoj M. Deshpande | 02/03/2010 | Osok Song | 02/03/2010 |
| Name | Execution Date | | | | | | | | |
| Damanjit Singh | 02/03/2010 | | | | | | | | |
| Manoj M. Deshpande | 02/03/2010 | | | | | | | | |
| Osok Song | 02/03/2010 | | | | | | | | |
| 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>12696308</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12696308 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 12696308 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | |
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| 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: | 091134U1 | | | | | | | | |
| NAME OF SUBMITTER: | Susan Turner | | | | | | | | |

Total Attachments: 6
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**PATENT
 REEL: 023990 FRAME: 0261**

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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. Damanjit Singh, 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. Manoj M. Deshpande, a citizen of the United States of America, 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,

3. Osok Song, a citizen of Korea, 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,

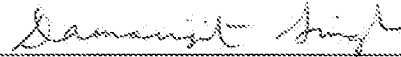
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **CONTROLLING WHETHER A NETWORK ENTITY PERFORMS ACCESS CONTROL BASED ON AN INDICATION FROM AN ACCESS POINT** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 29, 2010, and assigned Serial No. 12/696,308, including Provisional

ASSIGNMENT

Application Number 61/149,261, filed on February 2, 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.

Done at San Diego, California this 03 day of February, 2010.



Damanjit Singh

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

Manoj M. Deshpande

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

Osok Song

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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 **CONTROLLING WHETHER A NETWORK ENTITY PERFORMS ACCESS CONTROL BASED ON AN INDICATION FROM AN ACCESS POINT** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on January 29, 2010, and assigned Serial No. 12/696,308, including Provisional

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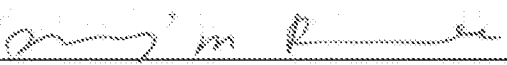
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The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

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

Damanjit Singh

Done at San Diego, California this rd 3 day of Feb, 2010.



Manoj M. Deshpande

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

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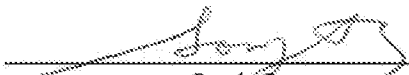
Done at San Diego, California this _____ day of _____, 2010.

Damanjit Singh

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

Manoj M. Deshpande

Done at San Diego, California this 3 day of Feb, 2010.



Osok Song