

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>Siddhartha Mallik</td><td>01/28/2011</td></tr><tr><td>Taesang Yoo</td><td>01/28/2011</td></tr><tr><td>Tao Luo</td><td>02/10/2011</td></tr></tbody></table>	Name	Execution Date	Siddhartha Mallik	01/28/2011	Taesang Yoo	01/28/2011	Tao Luo	02/10/2011			
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>QUALCOMM Incorporated</td></tr><tr><td>Street Address:</td><td>5775 Morehouse Drive</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	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121	
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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>13015532</td></tr></tbody></table>	Property Type	Number	Application Number:	13015532							
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Application Number:	13015532										
CORRESPONDENCE DATA											
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 858-845-4265											
Email: us-docketing@qualcomm.com											
Correspondent Name: QUALCOMM INCORPORATED											
Address Line 1: 5775 MOREHOUSE DR.											
Address Line 4: SAN DIEGO, CALIFORNIA 92121											
ATTORNEY DOCKET NUMBER:	100834										
NAME OF SUBMITTER:	Raquelle Myers										
Total Attachments: 6 source=100834_2011-02-11_Assignment_signed#page1.tif source=100834_2011-02-11_Assignment_signed#page2.tif source=100834_2011-02-11_Assignment_signed#page3.tif source=100834_2011-02-11_Assignment_signed#page4.tif source=100834_2011-02-11_Assignment_signed#page5.tif source=100834_2011-02-11_Assignment_signed#page6.tif											

CH \$40.00 13015532

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PATENT
REEL: 026130 FRAME: 0149

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. **Siddhartha Mallik**, 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. **Taesang Yoo**, 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**;
3. **Tao Luo**, a citizen of **Canada**, 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**,

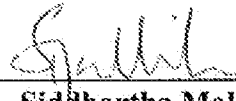
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **REPORTING OF CHANNEL INFORMATION TO SUPPORT COORDINATED MULTI-POINT DATA TRANSMISSION** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **January 27, 2011**, and assigned Serial No. **13/015,532**, including Provisional Application Number **61/299,876**, filed on **January 29, 2010**, 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 28th day of January, 2011.



Siddhartha Mallik

Done at **San Diego, California** this _____ day of _____, 2011.

Taesang Yoo

Done at **San Diego, California** this _____ day of _____, 2011.

Tao Luo

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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 **REPORTING OF CHANNEL INFORMATION TO SUPPORT COORDINATED MULTI-POINT DATA TRANSMISSION** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **January 27, 2011**, and assigned Serial No. **13/015,532**, including Provisional Application Number **61/299,876**, filed on **January 29, 2010**, 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

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Done at **San Diego, California** this _____ day of _____, 2011.

Siddhartha Mallik

Done at **San Diego, California** this 28 day of Jan, 2011.



Taesang Yoo

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Done at **San Diego, California** this ____ day of _____, 2011.

Siddhartha Mallik

Done at **San Diego, California** this ____ day of _____, 2011.

Taesang Yoo

Done at **San Diego, California** this 10th day of Feb, 2011.



Tao Luo