

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Tom Chin</td><td>10/06/2008</td></tr><tr><td>Kuo-Chun Lee</td><td>10/06/2008</td></tr></tbody></table>		Name	Execution Date	Tom Chin	10/06/2008	Kuo-Chun Lee	10/06/2008				
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Kuo-Chun Lee	10/06/2008										
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											
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CORRESPONDENCE DATA											
Fax Number: (858)658-2502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	080178										
NAME OF SUBMITTER:	Leeanne Lawlor										
Total Attachments: 2 source=080178_Assignment#page1.tif source=080178_Assignment#page2.tif											

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PATENT  
REEL: 021716 FRAME: 0520

## 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. **Tom Chin**, a citizen of The United States of America, having a place of residence at 7845 Norcanyon Way, San Diego, California 92126, US
- 2.. **Kuo-Chun Lee**, a citizen of The United States of America, having a place of residence at 17238 Russet Street, San Diego, California 92127, 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 METHODS AND SYSTEMS FOR IMPLEMENTING CDMA-BASED DEDICATED CONTROL CHANNELS IN AN OFDMA-BASED NETWORK, by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on September 17, 2008, and assigned Serial No. 12/211,867, including any provisional applications, all original and reissue patents granted thereof, 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.

## ASSIGNMENT

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 6<sup>th</sup> day of October, 2008.

Tom Chin

Tom Chin

Done at San Diego, California this 6<sup>th</sup> day of Oct, 2008.

Kuo-Chun Lee

Kuo-Chun Lee