

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>Steven Cheng</td><td>07/23/2008</td></tr><tr><td>Tom Chin</td><td>07/23/2008</td></tr></tbody></table>		Name	Execution Date	Steven Cheng	07/23/2008	Tom Chin	07/23/2008				
Name	Execution Date										
Steven Cheng	07/23/2008										
Tom Chin	07/23/2008										
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
Name:	QUALCOMM Incorporated										
Street Address:	5775 Morehouse Drive										
City:	San Diego										
State/Country:	CALIFORNIA										
Postal Code:	92121										
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>12144579</td></tr></tbody></table>		Property Type	Number	Application Number:	12144579						
Property Type	Number										
Application Number:	12144579										
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: nanm@qualcomm.com											
Correspondent Name: QUALCOMM INCORPORATED											
Address Line 1: 5775 MOREHOUSE DR.											
Address Line 4: SAN DIEGO, CALIFORNIA 92121											
ATTORNEY DOCKET NUMBER:	080146										
NAME OF SUBMITTER:	Leeanne Lawlor										
Total Attachments: 2 source=080146_Assignment#page1.tif source=080146_Assignment#page2.tif											

CH 12144579 \$40.00

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,

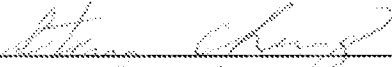
1. Steven Cheng, a citizen of the United States, having a place of residence at 3945 Carmel Springs Way, San Diego, California, 92130; and
2. Tom Chin, a citizen of the United States, having a place of residence at 7845 Norcanyon Way, San Diego, California, 92126;

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 UTILIZING MULTICAST/BROADCAST CID SCHEDULING MAC MANAGEMENT MESSAGE**, by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on June 23, 2008, and assigned Serial No. 12/144,579 and 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 San Diego, California, this 23rd day of July, 2008.



Steven Cheng

Done San Diego, California, this 23rd day of July, 2008.



Tom Chin