

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>Tom Chin</td><td>11/03/2008</td></tr><tr><td>Steven Cheng</td><td>11/04/2008</td></tr><tr><td>Kuo-Chun Lee</td><td>11/03/2008</td></tr><tr><td>Guangming Carl Shi</td><td>11/03/2008</td></tr></tbody></table>	Name	Execution Date	Tom Chin	11/03/2008	Steven Cheng	11/04/2008	Kuo-Chun Lee	11/03/2008	Guangming Carl Shi	11/03/2008	
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Tom Chin	11/03/2008										
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Guangming Carl Shi	11/03/2008										
RECEIVING PARTY DATA											
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>12254786</td></tr></tbody></table>	Property Type	Number	Application Number:	12254786							
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Application Number:	12254786										
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:	llawlor@qualcomm.com										
Correspondent Name:	QUALCOMM INCORPORATED										
Address Line 1:	5775 MOREHOUSE DR.										
Address Line 4:	SAN DIEGO, CALIFORNIA 92121										
ATTORNEY DOCKET NUMBER:	081667										
NAME OF SUBMITTER:	Leeanne Lawlor										
Total Attachments: 2 source=081667_Assignment#page1.tif											

CH 12254786 \$40.00

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PATENT
REEL: 021855 FRAME: 0443

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, having a place of residence at 7845 Norcanyon Way, San Diego, California 92126, US;
2. **Steven Cheng**, a citizen of the United States, having a place of residence at 3945 Carmel Springs Way, San Diego, California 92130, US;
3. **Kuo-Chun Lee**, a citizen of the United States, having a place of residence at 17238 Russet Street, San Diego, California, 92127, US;
4. **Guangming Carl Shi**, a citizen of the United States, having a place of residence at 12968 Caminito Bautizo, San Diego, California, 92130, US;

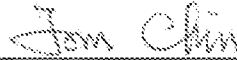
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto **QUALCOMM Incorporated**, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **METHODS AND APPARATUS FOR IMPLEMENTING SHORT MESSAGE SERVICE (SMS) IN WIMAX SYSTEMS**, by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on October 20, 2008, and assigned Serial No. **12/254,786**, including any Provisional Applications, 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

ASSIGNMENT

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.

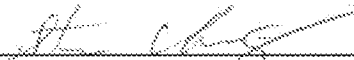
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California, this 3rd day of Nov, 2008.



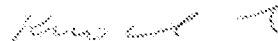
Tom Chin

Done at San Diego, California, this 4th day of Nov, 2008.



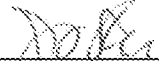
Steven Cheng

Done at San Diego, California, this 3rd day of Nov, 2008.



Kuo-Chun Lee

Done at San Diego, California, this 3rd day of Nov, 2008.



Guangming Carl Shi