

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Feng Cao	08/19/2008
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	
Property Type	Number
Application Number:	12190441
CORRESPONDENCE DATA	
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Correspondent Name:	QUALCOMM Incorporated
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Address Line 4:	San Diego, CALIFORNIA 92121-1714
ATTORNEY DOCKET NUMBER:	072102
NAME OF SUBMITTER:	Marvin Jefferson
Total Attachments: 2 source=072102_ASST#page1.tif source=072102_ASST#page2.tif	

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REEL: 021746 FRAME: 0820

## 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 I,

Feng Cao, a citizen of China, having a place of residence at ~~440 Dixon Landing Rd, Apt. E206, Milpitas, California, 95035~~, United States of America; <sup>FC</sup> **253 PAGOSA WAY, FREMONT, CA 94539**

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 **METHOD AND APPARATUS FOR SUPPORTING BROADCAST AND MULTICAST SERVICES IN A WIRELESS COMMUNICATION SYSTEM** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on August 12, 2008, assigned Application Number 12/190,441, including, without limitation, all provisional patent applications, including Provisional Application Number 60/955,620 filed on August 13, 2007, and all original and reissue patents granted thereof (in the United States and any foreign country), 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me 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.

FC  
Done at Milpitas, California this 19 day of August, 2008.  
FREMONT

Feng Cao  
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