

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Byoung-Hoon Kim	08/25/2008
Durga Prasad Malladi	09/02/2008
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:	12191577
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(858) 651-5205
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Correspondent Name:	QUALCOMM Incorporated
Address Line 1:	5775 Morehouse Drive
Address Line 4:	San Diego, CALIFORNIA 92121-1714
ATTORNEY DOCKET NUMBER:	072200
NAME OF SUBMITTER:	Marvin Jefferson
Total Attachments: 3 source=072200_ASST#page1.tif source=072200_ASST#page2.tif source=072200_ASST#page3.tif	

CH \$40.00 12191577

## 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. Byoung-Hoon Kim, a citizen of South Korea, having a place of residence at Jamsil Tri-  
zium APT 333-dong 902-ho, Jamsil-dong 35, Songpa-gu, Seoul, Korea; and

2. Durga Prasad Malladi, a citizen of the United States, having a place of residence at 11983  
Briarleaf Way, San Diego, California, 92128, 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 UPLINK CONTROL CHANNEL FORMAT by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on August 14, 2008, assigned Application Number 12/191,577, including, without limitation, all provisional patent applications, including Provisional Application Number 60/964,962 filed on August 15, 2007, and all original and reissue patents granted thereof (in the United States and any foreign country), 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.

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 Seoul, Korea this 25<sup>th</sup> day of August, 2008.



Byoung-Hoon Kim

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Durga Prasad Malladi

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 Seoul, Korea this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Byoung-Hoon Kim

Done at San Diego, California this <sup>2<sup>nd</sup></sup> day of sep, 2008.

ND Prasad  
\_\_\_\_\_  
Durga Prasad Malladi