

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Byoung-Hoon Kim	12/10/2006
RECEIVING PARTY DATA	
Name:	QUALCOMM, Incorporated
Street Address:	5775 Morehouse Dr.
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11508386
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	US-Docketing@qualcomm.com
Correspondent Name:	QUALCOMM, Incorporated
Address Line 1:	5775 Morehouse Dr.
Address Line 4:	San Diego, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	040556B1
NAME OF SUBMITTER:	George J. Oehling
Total Attachments: 2 source=040556B1_ASN_#page1.tif source=040556B1_ASN_#page2.tif	

CH \$40.00 11508386

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 **Byoung-Hoon Kim**, a citizen of the United States of America having a place of residence at 5235 Fiore Terrace C-220, San Diego, CA 92122, has 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 whole right, title and interest in and to a certain invention relating to:

**SYSTEMS AND METHODS FOR REDUCING UPLINK RESOURCES TO PROVIDE
CHANNEL PERFORMANCE FEEDBACK FOR ADJUSTMENT OF DOWNLINK
MIMO CHANNEL DATA RATES**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **August 22, 2006**, and assigned Serial No. **11/508,386**, including, without limitation, all provisional patent 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 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 10th day of December, 2006.



Byoung-Hoon Kim