

FORM PTO-1619A/B

U.S. Department of Commerce  
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PATENT

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Attorney Docket No.: 050674

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID No.

Correction of PTO Error  
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**Conveyance Type**

Assignment

Change of Name

License

Merger

Security Agreement

Other: \_\_\_\_\_

**Conveying Party(ies)**  Mark if additional names are attached

NAME

1. BYOUNG-HOON KIM

2.

3.

4.

**EXECUTION DATE**  
Month, Day, Year (MMDDYYYY)  
05/16/2006

**Receiving Party**  Mark if additional names are attached

Name: QUALCOMM Incorporated  
A Delaware Corporation

Address (Street number and name): 5775 Morehouse Drive  
Address (City, State, Zip Code): San Diego, California, 92121-1714

**Correspondent Name and Address**

Name: QUALCOMM Incorporated                      Telephone Number: (858) 658-5787  
Attn: Patent Department                              Facsimile: (858) 658-2502

Address: 5775 Morehouse Drive  
Address: San Diego, California 92121-1714

Pages (Enter the total number of pages of the attached conveyance document including any attachments)  
Total number of pages: 2

If this document is being filed together with a new application, the execution date of the application is:

Patent Application Number(s):	Patent Number(s):
1. 11/410,850	1.
2.	2.
3.	3.
4.	4.

**Patent Cooperation Treaty (PCT)**  
(Enter only if a U.S. Application Number has not been assigned)

1. PCT/    3. PCT/  
2. PCT/    4. PCT/

**Number of Properties** (Enter the total number of properties involved)  
Total number of properties: 1

**Fee Amount**                      Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment:  Enclosed     Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account. A duplicate of this sheet is enclosed for fee processing)

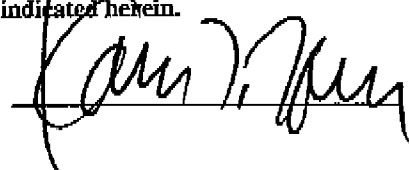
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**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Date: May 25, 2006  
Name: Kam T. Tam, Reg. 35,756  
(858) 651-5563

Signature: 

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ATTORNEY DOCKET NO. 050674

**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 Byoung-Hoon Kim, a citizen of the South Korea having a place of residence at 5235 Fiore Terrace C-220, San Diego, California 92122; 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 whole right, title and interest in and to a certain invention relating to:

**SPACE-FREQUENCY EQUALIZATION FOR OVERSAMPLED RECEIVED SIGNALS**  
by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on April 24, 2006, and assigned Serial No. 11/410,850, including, without limitation, all provisional patent applications, **including Serial No. 60/676,586, filed April 28, 2005**, 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 16<sup>th</sup> day of May, 2006.

  
BYOUNG-HOON KIM