

FORM PTO-1619A/B

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Attorney Docket No.: 050033

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

<b>Submission Type</b> <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID No. <input type="checkbox"/> Correction of PTO Error Reel No. Frame No. <input type="checkbox"/> Corrective Document Reel No. Frame No.	<b>Conveyance Type</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> License <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other: _____
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Mark if additional names are attached

<b>Conveying Party(ies)</b> NAME  1. Byoung-Hoon Kim 2. Durga Prasad Malladi 3. Sandip Sarkar 4.	<b>EXECUTION DATE</b> Month, Day, Year (MMDDYYYY) 06292006 06162006 06132006
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Mark if additional names are attached

**Receiving Party**  
 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  
 Attn: Patent Department  
 Address: 5775 Morehouse Drive  
 Address: San Diego, California 92121-1714

**Telephone Number:** (858) 658-5787  
**Facsimile:** (858) 658-2502

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

**Application Number(s) or Patent Number(s)**

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

<b>Patent Application Number(s):</b> 1. 11/408,477 2. 3. 4.	<b>Patent Number(s):</b> 1. 2. 3. 4.
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**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  
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 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: July 18, 2006  
 Name: Ramin Mobarhan, Reg. No. 50,182  
 (858) 658-2447

Signature: Ramin Mobarhan

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CH \$40.00 170026 11408477

ATTORNEY DOCKET NO. 050033

**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 South Korea having a place of residence at 5235 Fiore Terrace C-220, San Diego, California 92122, **Durga Prasad Malladi**, a citizen of the United States of America having a place of residence at 11983 Briarleaf Way, San Diego, California 92128; and **Sandip Sarkar**, a citizen of India having a place of residence at 1145 Wild Meadow Place, San Diego, California 92126, 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:

**TRANSMIT FORMAT SELECTION WITH CONSIDERATION FOR RESOURCE  
REUSE**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **April 21, 2006**, and assigned Serial No. **11/408,477**, including, without limitation, all provisional patent applications, **Serial No. 60/676,123**, 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.

ATTORNEY DOCKET NO. 050033

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 29<sup>th</sup> day of June, 2006.

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

Done at San Diego, California this 16<sup>th</sup> day of June, 2006.

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

Done at San Diego, California this 13 day of June, 2006.

  
\_\_\_\_\_  
Sandip Sarkar