

FORM PTO-1619A/B

U.S. Department of Commerce
Patent and Trademark Office
PATENT

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No.: 050216

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

Submission Type <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.	Conveyance Type <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: _____
---	--

Conveying Party(ies) Mark if additional names are attached

NAME	EXECUTION DATE
	Month, Day, Year (MMDDYYYY)
1. Parvathanathan Subrahmanya	12/13/2005
2. Thejaswi Bharadwaj Madapushi Sheshadri	12/12/2005
3. Vivek Chawla	12/06/2005
4.	

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

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: _____

Patent Application Number(s):	Patent Number(s):
1. 11/228,045	1.
2.	2.
3.	3.
4.	4.

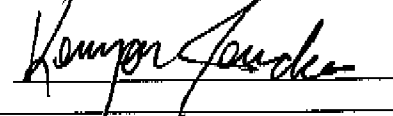
Patent Cooperation Treaty (PCT)
(Enter only if a U.S. Application Number has not been assigned)

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
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)
Deposit Account Number: 17-0026
Authorization to charge additional fees: Yes No

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: 01/03/2006
Name: Howard H. Seo, Reg. No. 43,106 (858) 845-5235
/BY KENYON JENCKES REG. NO. 41,873
Signature: 

FOR OFFICE USE ONLY

CH \$40.00 170026 11228045

ATTORNEY DOCKET NO. 050216

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 **Parvathanathan Subrahmanya**, a citizen of India having a place of residence at 468 Madera Avenue Apt. 1 Sunnyvale, CA 94086, **Thejaswi Bharadwaj Madapushi Sheshadri**, a citizen of India having a place of residence at 3707 Poinciana Dr. Apt. 6 Santa Clara, CA 95051, and **Vivek Chawla**, a citizen of India having a place of residence at 8001 E. 11th Avenue Apt 4109 Denver, CO 80220; 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:

Quick Detection of Signaling in a Wireless Communication System

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on 09/15/2005, and assigned Serial No. 11/228,045, 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.

ATTORNEY DOCKET NO. 050216

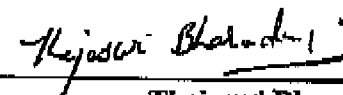
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Campbell, California this th 13 day of December, 2005.



Parvathanathan Subrahmanya

Done at Campbell, California this 12 day of December, 2005.



Thejaswi Bharadwaj
Madapushi Sheshadri

Done at Boulder, Colorado this 06 day of December, 2005.



Vivek Chawla