

FORM PTO-1619A/B

U.S. Department of Commerce
Patent and Trademark Office
PATENTRECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No.: 050301

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
Reel No. Frame No.
☐ Corrective Document
Reel No. Frame No.

Conveyance Type

- ☒ Assignment
☐ Change of Name
☐ License
☐ Merger
☐ Security Agreement
☐ Other: _____

Conveying Party(ies)

☐ Mark if additional names are attached

NAME

1. DURGA PRASAD MALLADI
2. PETER GAAL
3. YONGBIN WEI
- 4.

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

05/15/2006

05/12/2006

05/12/2006

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
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: 4

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):

1. 11/388,535
- 2.
- 3.
- 4.

Patent Number(s):

- 1.
- 2.
- 3.
- 4.

Patent Cooperation Treaty (PCT)

(Enter only if a U.S. Application Number has not been assigned)

1. PCT/
2. PCT/

3. 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)

Deposit Account Number: 17-0026

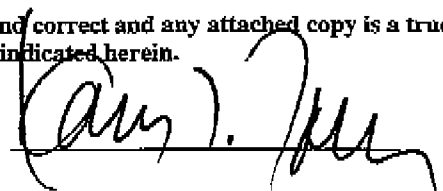
Authorization to charge additional fees: ☒ Yes ☐ No

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: May 25, 2006

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

Signature: 

FOR OFFICE USE ONLY

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 Durga Prasad Malladi, a citizen of the United States having a place of residence at 11983 Briarleaf Way, San Diego, California 92128, Peter Gaal, a citizen of Hungary having a place of residence at 8304 Menkar Road, San Diego, California 92126 and Yongbin Wei, a citizen of China, P.R. having a place of residence at 12140 Brickellia Street, San Diego, California 92129; 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:

METHOD AND APPARATUS FOR DATA AND PILOT STRUCTURES

SUPPORTING EQUALIZATION

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on March 24, 2006, and assigned Serial No. 11/388,535, including, without limitation, all provisional patent applications, **including Serial No. 60/666,333, filed March 29, 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. 050301

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 15 day of May, 2006.



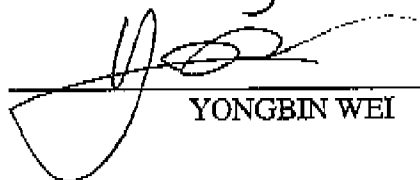
DURGA PRASAD MALLADI

Done at San Diego, California this 12th day of May, 2006.



PETER GAAL

Done at San Diego, California this 12th day of May, 2006.



YONGBIN WEI