

REC

06-13-2003



102472270

Jorney Docket No.: 030121

TO: The Commissioner of Patents and Trademark

## 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)

NAME

☐ Mark if additional names are attached

1. John Smee
2. Jay Rod Walton
3. Durga Prasad Malladi
- 4.

## EXECUTION DATE

Month, Day, Year (MMDDYYYY)

05/29/2003

05/29/2003

05/29/2003

## 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 Dept.

Telephone Number: (858) 651-4404

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: 5

## 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. 10/359,811 filed 02/07/2003
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: June 09, 2003

Name: Byron Yafuso, Reg. No. 45,244  
(858) 658-3868

Signature:

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Customer No. 23696

**PATENT**  
**REEL: 014150 FRAME: 0056**

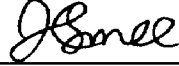
## ASSIGNMENT

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, **John Smee**, a citizen of Canada having a place of residence at **5340 Toscana Way, Apt. F406, San Diego, California 92122**; **Jay Rod Walton**, a citizen of the United States of America having a place of residence at **85 Highwoods Lane, Carlisle, Massachusetts 01741**; and **Durga Prasad Malladi**, a citizen of India having a place of residence at **11983 Briarleaf Way, San Diego, California 92128**; 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 a **PILOT TRANSMISSION SCHEMES FOR WIRELESS MULTI-CARRIER COMMUNICATION SYSTEMS** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **02/07/2003**, and assigned Application Serial No. **10/359,811**, 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 29 day of May, 2003.



**John Smee**

Done at Carlisle, Massachusetts this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

**Jay Rod Walton**

Done at San Diego, California this 29 day of May, 2003.



**Durga Prasad Malladi**

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 \_\_\_\_\_ day of \_\_\_\_\_, 2003.

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**John Smee**

Done at Carlisle, Massachusetts this 29 day of MAY, 2003.

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**Jay Rod Walton**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

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**Durga Prasad Malladi**