

01-22-2004

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mer No.: 23696

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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  
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## Conveyance Type

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

## Conveying Party(ies)

NAME

☐ Mark if additional names are attached

1. Tao Chen
2. Edward G. Tiedemann, Jr.
3. Avinash Jain
- 4.

## EXECUTION DATE

Month, Day, Year (MMDDYYYY)

01/08/2004

01/08/2004

01/08/2004

## 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

Telephone Number: (858) 651-4404

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Address: 5775 Morehouse Drive

Address: San Diego, California 92121-1714

Pages (Enter the total number of pages including the Recordation Sheet)

Total number of pages: 3

## 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. 10/646,955, filed 08/21/03
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/

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)

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: January 14, 2004

Name: S. Hossain Beladi, Reg. No. 42,311  
(858) 651-4470

Signature:

Reg No.  
40,471  
for:

01/21/2004 EC00PER 00000357 170026 10646955

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Page 1 of 1

(TRANSASSIGN.VER1.6-1/17/2001)

PATENT  
REEL: 014894 FRAME: 0332

**ASSIGNMENT**

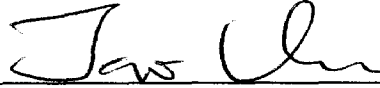
TO WHOM IT MAY CONCERN:

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 **TAO CHEN**, a citizen of the United States of America having a place of residence at 5415 Harvest Run Drive, San Diego, California 92130, and **EDWARD G. TIEDEMANN, JR.**, a citizen of the United States of America having a place of residence at 656 Barretts Mill Road, Concord, Massachusetts 01742; and **AVINASH JAIN**, a citizen of India having a place of residence at 5235 Fiore Terrace, C-118, 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: **SCHEDULED AND AUTONOMOUS TRANSMISSION AND ACKNOWLEDGEMENT** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **August 21, 2003**, and assigned Application Serial No. **10/646,955** including, without limitation, all provisional patent applications, including Provisional Serial No. 60/448,269, filed February 18, 2003; Provisional Serial No. 60/452,790, filed March 6, 2003 and Provisional Serial No. 60/470,770, filed May 14, 2003, 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.

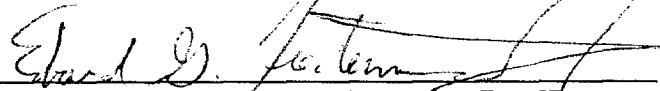
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 8<sup>th</sup> day of Jan., 2004.




TAO CHEN

Done at San Diego, California this 8 day of Jan, 2004.



EDWARD G. TIEDEMANN, JR.

Done at San Diego, California this 8<sup>th</sup> day of January, 2004.



AVINASH JAIN