



HEET

101705773

Attorney Docket No.: 000103

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

**Submission Type** 4-27-01

New

Resubmission (Non-Recordation)

Document ID No.

Correction of PTO Error

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**Conveyance Type**

Assignment

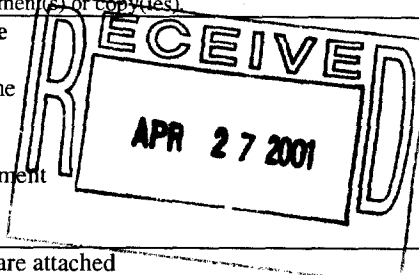
Change of Name

License

Merger

Security Agreement

Other: \_\_\_\_\_



**Conveying Party(ies)**  Mark if additional names are attached

NAME

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

1. Quaeed Motiwala
2. Christopher C. Riddle
3. Luca Blessent
4. Shih-Yi Yeh

- 04/20/2001
- 04/17/2001
- 04/18/2001
- 04/19/2001

**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: Sarah Kirkpatrick, Manager, Intellectual Property Administration

Address: 5775 Morehouse Drive  
Address: San Diego, California 92121-1714

Telephone Number: (858) 651-1179  
Facsimile: (858) 658-2502

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. 09/766,558 filed 01/19/2001
- 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

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Deposit Account Number: 17-0026

Authorization to charge additional fees:  Yes  No

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**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: 04/23/2001

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

Signature: S-H Beladi

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CONTINUATION  
PATENTS ONLY**

**Attorney Docket No.: 000103**

**ENTER ADDITIONAL CONVEYING PARTIES:**

**NAME**

**EXECUTION DATE**

Month, Day, Year (MMDDYYYY)

04/20/2001

- 5. Robert J. Fuchs
- 6.
- 7.
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- 20.

**Enter additional Receiving Party(ies):**

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**Address (Street number and name):**  
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**Name:**  
**Address (Street number and name):**  
**Address (City, State, Zip Code):**

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

**Patent Application Number(s):**

**Patent Number(s):**

- 5.
- 6.
- 7.
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- 9.

- 5.
- 6.
- 7.
- 8.
- 9.

# 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 **Quaeed Motiwala**, a citizen of India having a place of residence at **10968 Caminito Alto, San Diego, California 92131**; **Christopher C. Riddle**, a citizen of the United States of America having a place of residence at **11041 Ironwood Road, San Diego, California 92131**; **Luca Blessent**, a citizen of Italy having a place of residence at **8308 Regents Rd., 3F, San Diego, California 92122**; **Shih-Yi Yeh**, a citizen of Taiwan having a place of residence at **10445 Mast Blvd. #62, Santee, California 92071**; and **Robert J. Fuchs**, a citizen of Canada having a place of residence at **9503 Compass Point Drive South, 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 a **METHOD AND APPARATUS FOR EFFICIENT USE OF COMMUNICATION RESOURCES IN A COMMUNICATION SYSTEM** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **January 19, 2001**, and assigned Serial No. **09/766,558**, 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 20<sup>th</sup> day of April, 2001.

  
\_\_\_\_\_  
**Quaeed Motiwala**

Done at San Diego, California this 17 day of April, 2001.

  
\_\_\_\_\_  
**Christopher C. Riddle**

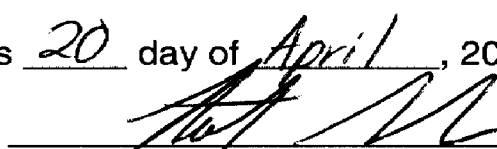
Done at San Diego, California this 18 day of April, 2001.

  
\_\_\_\_\_  
**Luca Blessent**

Done at San Diego, California this 19th day of April, 2001.

  
\_\_\_\_\_  
**Shih-Yi Yeh**

Done at San Diego, California this 20 day of April, 2001.

  
\_\_\_\_\_  
**Robert J. Fuchs**