

FORM PTO-1619A/B

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Patent and Trademark Office  
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Attorney Docket No.: 050664

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

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- ☒ New  
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 Document ID No.  
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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. Paul E. Bender
2. Ramin Rezaiifar
3. Abhay Arvind Joshi
4. James A. Hutchison

**EXECUTION DATE**

Month, Day, Year (MMDDYYYY)

04/19/2006  
 04/18/2006  
 04/17/2006  
 04/14/2006

**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) 651-4470

Facsimile: (858) 658-2502

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

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. 11/407,571 filed 4/19/2006
- 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.  
 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: 05/18/2006

Name: 

John M. Reg. No. 48,820  
 (858) 651-5527

**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, **Paul E. Bender**, a citizen of the United States of America having a place of residence at 2879 Angell Avenue, San Diego, CA 92122; **Ramin Rezaiifar**, a citizen of the United States of America having a place of residence at 10896 Caminito Arcada, San Diego, CA 92131; **Abhay Arvind Joshi**, a citizen of India having a place of residence at 10726 Ballystock Court, San Diego, CA 92131; and **James A. Hutchison**, a citizen of the United States of America having a place of residence at 12722 Sandy Crest Court, San Diego, CA 92130; 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:

**CONNECTION FAILURE REPORTING IN WIRELESS COMMUNICATION****SYSTEMS**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on April 19, 2006, and assigned Application Serial No. 11/407,571, (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the serial number in the space provided when known) including, without limitation, all provisional patent applications, including Serial No. 60/672,577, entitled "Connection Failure Reporting In Wireless Communication Systems," filed April 19, 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

ATTORNEY DOCKET NO. 050664

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 19 day of April, 2006.

  
\_\_\_\_\_  
Paul E. Bender

Done at San Diego, California this 18<sup>th</sup> day of April, 2006.

  
\_\_\_\_\_  
Ramin Rezaiifar

Done at San Diego, California this 17<sup>th</sup> day of April, 2006.

  
\_\_\_\_\_  
Abhay Arvind Joshi

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
James A. Hutchison

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### CONNECTION FAILURE REPORTING IN WIRELESS COMMUNICATION SYSTEMS

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on April 19, 2006, and assigned Application Serial No. 11/407,571, (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the serial number in the space provided when known) including, without limitation, all provisional patent applications, including Serial No. 60/672,577, entitled "Connection Failure Reporting In Wireless Communication Systems," filed April 19, 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

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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 \_\_\_\_\_ day of \_\_\_\_\_, 2006.

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**Paul E. Bender**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

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**Ramin Rezaifar**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

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**Abhay Arvind Joshi**

Done at San Diego, California this 14 day of April, 2006.



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**James A. Hutchison**



5775 Morehouse Drive  
San Diego, CA 92121  
Fax: (858) 658-2502

## *Facsimile Transmittal*

**DATE:** May 18, 2006

**TO:** Assignment Recordation Services

**FROM:** Jian Ma, Agent for Assignee  
Registration No. 48,820

**FAX NUMBER:** 571-273-0140

**RE:** Recordation of Assignment Document  
U.S. Patent Application Serial No. 11/407,571

**Number of Pages Sent:** 6 (including this transmittal cover sheet)

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### **MESSAGE:**

Please see attached.

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