

10-15-2002

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Attorney Docket No.: 010480

TO: The Commissioner of Patents and Tradem.

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID No.
- Correction of PTO Error
Reel No. Frame No.
- Corrective Document
Reel No. Frame No.

10-8-02

Conveyance Type

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

Conveying Party(ies)

NAME

Mark if additional names are attached

- 1. David J. Ross
- 2. Jason B. Kenagy

EXECUTION DATE

Month, Day, Year
September 5, 2002
August 29, 2002

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 Telephone Number: (858) 651-1179
Attn: Sarah Kirkpatrick, Manager, Intellectual Property Administration 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: 9

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. 10/187,760

Patent Number(s):

1.

Patent Cooperation Treaty (PCT)

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

1. PCT/

2. 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: October 1, 2002

Signature:

Name: Robert J. O'Connell

Registration No. 44,265

FOR OFFICE USE ONLY

10/11/2002 TDIAZ1 00000109 170026 10187760
01 FC:581 40.00 CH

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on:

October 2, 2002

(Date of Deposit)

Deborah Dean

(Name of Person Making Deposit)

(Signature)

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Attorney Docket No.: 010480

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

Conveying Party(ies) Mark if additional names are attached**NAME****EXECUTION DATE**Month, Day, Year

3. Jin Dai

September 9, 2002

4. Tia M. Cassett

August 28, 2002

5. Daniel H. Agre

August 28, 2002

6. Mazen Chmaytelli

August 28, 2002

7. Arne Croizat Joseph Mortensen

September 3, 2002

8. Ravinder Chandhok

August 29, 2002

ASSIGNMENT

TO WHOM IT MAY CONCERN:

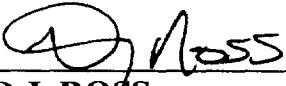
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we, **DAVID J. ROSS**, a citizen of the United States, having a place of residence at 4008 Lago di Grata Circle, San Diego, California 92130, **JASON B. KENAGY**, a citizen of the United States, having a place of residence at 3360 Dale Street, San Diego, California 92104, **JIN DAI**, a citizen of the United States, having a place of residence at 11624 Aspen View Drive, San Diego, California 92128, **TIA M. CASSETT**, a citizen of the United States, having a place of residence at 4817 Fairport Way, San Diego, California 92130, **DANIEL H. AGREE**, a citizen of the United States, having a place of residence at 12750 Torrey Bluffs Drive, #65, San Diego, California 92130, **MAZEN CHMAYTELLI**, a citizen of Lebanon, having a place of residence at 2913 Denver Street, San Diego, California 92117, **ARNE CROIZAT JOSEPH MORTENSEN**, a citizen of the United States, having a place of residence at 10721 Oakbend Drive, San Diego, California 92131, and **RAVINDER CHANDHOK**, a citizen of the United States, having a place of residence at 14339 Bend Tree Court, Poway, California 92064; 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:

**WIRELESS NETWORK OPTIMIZATION THROUGH
REMOTE DEVICE DATA**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **July 1, 2002**, and assigned Serial No. **10/187,760**, including, without limitation, all provisional patent applications, and all original and reissue patents granted thereof, and all divisions, and continuations 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 5 day of Sept, 2002.



DAVID J. ROSS

Done at San Diego, California this _____ day of _____, 2002.

JASON B. KENAGY

Done at San Diego, California this _____ day of _____, 2002.

JIN DAI

Done at San Diego, California this _____ day of _____, 2002.

TIA M. CASSETT

Done at San Diego, California this _____ day of _____, 2002.

DANIEL H. AGREE

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 _____, 2002.

DAVID J. ROSS

Done at San Diego, California this 29th day of August, 2002.



JASON B. KENAGY

Done at San Diego, California this _____ day of _____, 2002.

JIN DAI

Done at San Diego, California this _____ day of _____, 2002.

TIA M. CASSETT

Done at San Diego, California this _____ day of _____, 2002.

DANIEL H. AGREE

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 _____, 2002.

DAVID J. ROSS

Done at San Diego, California this _____ day of _____, 2002.

JASON B. KENAGY

Done at San Diego, California this 9th day of September, 2002.

Da Dai
JIN DAI

Done at San Diego, California this _____ day of _____, 2002.

TIA M. CASSETT

Done at San Diego, California this _____ day of _____, 2002.

DANIEL H. AGREE

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 _____, 2002.

DAVID J. ROSS

Done at San Diego, California this _____ day of _____, 2002.

JASON B. KENAGY

Done at San Diego, California this _____ day of _____, 2002.

JIN DAI

Done at San Diego, California this 28 day of August, 2002.

Tia M. Cassett

TIA M. CASSETT

Done at San Diego, California this _____ day of _____, 2002.

DANIEL H. AGREE

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 _____, 2002.

DAVID J. ROSS

Done at San Diego, California this _____ day of _____, 2002.

JASON B. KENAGY

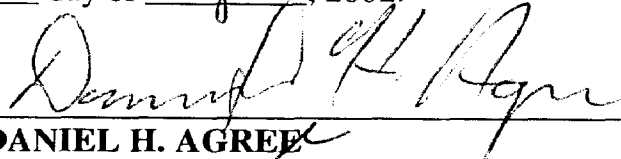
Done at San Diego, California this _____ day of _____, 2002.

JIN DAI

Done at San Diego, California this _____ day of _____, 2002.

TIA M. CASSETT

Done at San Diego, California this 28 day of August, 2002.



DANIEL H. AGREE

Done at San Diego, California this 28th day of AUGUST, 2002.



MAZEN CHMAYTELLI

Done at San Diego, California this _____ day of _____, 2002.

ARNE CROIZAT JOSEPH MORTENSEN


Done at San Diego, California this _____ day of _____, 2002.

RAVINDER CHANDHOK

Done at San Diego, California this _____ day of _____, 2002.

MAZEN CHMAYTELLI

Done at San Diego, California this 3rd day of SEPTEMBER, 2002.



ARNE CROIZAT JOSEPH MORTENSEN

Done at San Diego, California this 3rd day of ~~SEPTEMBER~~, 2002.

RAVINDER CHANDHOK

Done at San Diego, California this _____ day of _____, 2002.

MAZEN CHMAYTELLI

Done at San Diego, California this _____ day of _____, 2002.

ARNE CROIZAT JOSEPH MORTENSEN

Done at San Diego, California this 29 day of Aug, 2002.



RAVINDER CHANDHOK