

RECOR



2-28-03

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Attorney Docket No.: 020650

11002 U.S. PTO
29/176864
02/28/03

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
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. Mark Doyle
2. Robert B. Stansell
3. Daniel R. Ervin
4. Davis Gammage

EXECUTION DATE

- Month, Day, Year (MMDDYYYY)
- February 25, 2003
 - February 24, 2003
 - February 27, 2003
 - February 18, 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: 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: 11

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: February 28, 2003

Patent Application Number(s): 29 176864

- 1.
- 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

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: February 28, 2003
Name: Thomas M. Thibault, Reg. No. 30,880
(858) 651-2356

Signature:

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**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

11002 U.S. P.O.
29/176864
02/28/03

Attorney Docket No.: 020650

ENTER ADDITIONAL CONVEYING PARTIES:

NAME

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

5. John Orrell	February 24, 2003
6. Jeffrey J. Rhine	February 18, 2003
7. Michele Maccollum	February 18, 2003
8. Neil Burns	February 18, 2003
9. Steven Tom	February 18, 2003
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Application Number(s) or Patent Number(s)

Patent Application Number(s):

Patent Number(s):

5.	5.
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7.	7.
8.	8.
9.	9.

ASSIGNMENT

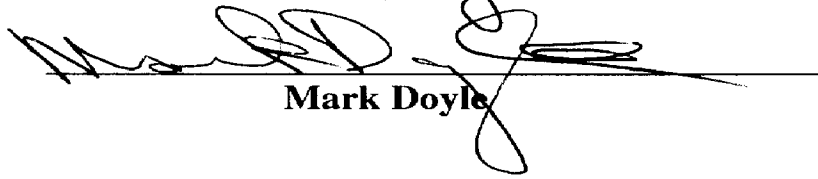
TO WHOM IT MAY CONCERN:

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 **Mark Doyle**, a citizen of the United States of America having a place of residence at **1509 Marblehead Road, Clemmons, NC 27012**, **Robert B. Stansell**, a citizen of the United States of America having a place of residence at **425 Herndon Drive, Winston Salem, NC 27104**, **Daniel R. Ervin**, a citizen of the United States of America having a place of residence at **3420 Santa Clara Way, Carlsbad, CA 92008**, **Davis Gammage**, a citizen of the United States of America having a place of residence at **7112-B Calabria Court, San Diego, CA 92122**, **John Orrell**, a citizen of the United States of America having a place of residence at **372 Comanche Trail, Advance, NC 27006**, **Jeffrey J. Rhine**, a citizen of the United States of America having a place of residence at **14465 Kentfield Place, Poway CA 92064**, **Michele Maccollum**, a citizen of the United States of America having a place of residence at **14188 Woodcreek Road, Poway, CA 92064**, **Neil Burns**, a citizen of Ireland having a place of residence at **4065 Haines Street, San Diego, CA 92130**, **Steven Tom**, a citizen of the United States of America having a place of residence at **4955 Sterling Grove Lane, 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 a **Driver Interface Unit (DIU)** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **February 28, 2003**, and assigned Serial No. _____ (and we hereby authorize and instruct

QUALCOMM, Incorporated to hereafter complete this Assignment by inserting the application serial number and filing date of said application in the space provided above when known), 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 Clemmons, North Carolina this 25th day of February, 2003.


Mark Doyle

Done at Clemmons, North Carolina this 24th day of February, 2003.




Robert B. Stansell

Done at San Diego, California this 27 day of FEB, 2003.



Daniel R. Ervin

Done at San Diego, California this 18th day of February, 2003.



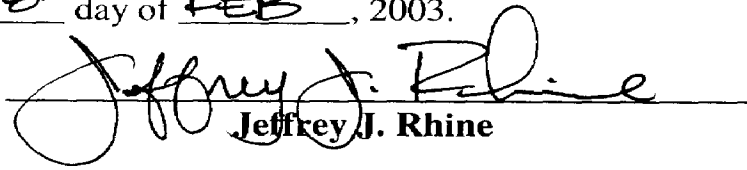
Davis Gammage

Done at Clemmons, North Carolina this 24th day of February, 2003.



John Orrell

Done at San Diego, California this 18th day of FEB, 2003.

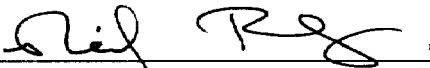

Jeffrey J. Rhine

Done at San Diego, California this 18 day of Feb., 2003.

Michele S. MacCollum

Michele Maccollum

Done at San Diego, California this 18^m day of FEBRUARY, 2003.



Neil Burns

Done at San Diego, California this 18 day of February, 2003.



Steven Tom