

01-22-2003



HEET

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Attorney Docket No.: 020660U1

TO: The Commissioner of Patents and Trademarks, Patent and Trademark Office, Washington, DC 20503 (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: _____

1-16-03

Conveying Party(ies)

Mark if additional names are attached

NAME

EXECUTION DATE

Month, Day, Year (MMDYYYYY)

1. PETER J. BLACK
2. JUN MA
3. EDUARDO ESTEVES
4. CHRISTOPHER GERARD LOTT

- 01/09/2003
- 12/31/2002
- 01/07/2003
- 12/31/2002

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
Attn: Patent Dept.

Telephone Number: (858) 651-4404
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: 5

If this document is being filed together with a new application, the execution date of the application is: _____
Application Number(s) or Patent Number(s)

Patent Application Number(s):

1. 10/280,740 FILED 10/24/2002
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): \$40.00

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 10, 2003
Name: Donald Kordich, Reg. No. 38,213
(858) 658-5928

Signature: *Donald Kordich*

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01/21/2003 TDI:AZ1 00000018 170026 10280740
01 FC:8521 40.00 CH


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 **PETER J. BLACK**, a citizen of Australia having a place of residence at **2961 FIRST AVENUE, SAN DIEGO, CALIFORNIA 92103**; **JUN MA**, a citizen of China having a place of residence at **10016 MAYA LINDA ROAD, APT. 4202, SAN DIEGO, CALIFORNIA 92126**; **EDUARDO ESTEVES**, a citizen of Brazil having a place of residence at **RUA SAO BENEDITO 873, APT. 223, SAO PAULO, SP 04735- 002**; and **CHRISTOPHER GERARD LOTT**, a citizen of the United States of America having a place of residence at **3783 BALBOA TERRACE, #C, SAN DIEGO, CALIFORNIA 92117**; 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 **REVERSE LINK AUTOMATIC REPEAT REQUEST** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **10/24/2002**, and assigned Application Serial No. **10/280,740**, 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 9th day of July, 2003.



PETER J. BLACK

Done at San Diego, California this _____ day of _____, 2003.

JUN MA

Done at Sao Paulo, Brazil this 7 day of JANUARY, 2003.



EDUARDO ESTEVES

Done at San Diego, California this _____ day of _____, 2003.

CHRISTOPHER GERARD LOTT

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.

PETER J. BLACK

Done at San Diego, California this 31st day of December, 2002.

JUN MA

Done at Sao Paulo, Brazil this _____ day of _____, 2002.

EDUARDO ESTEVES

Done at San Diego, California this 31st day of December, 2002.

Christopher Lott

CHRISTOPHER GERARD LOTT

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[020660U1 ASSN2]
Customer No. 23696