

03-21-2003

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Attorney Docket No.: 020660U2

TO: The Commissioner of Patents

102397183

Original document(s) or copy(ies).

## Submission Type

- ☒ New  
☐ Resubmission (Non-Recordation)  
Document ID No.  
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Reel No. Frame No.  
☐ Corrective Document  
Reel No. Frame No.

318.03

## Conveyance Type

- ☒ Assignment  
☐ Change of Name  
☐ License  
☐ Merger  
☐ Security Agreement  
☐ Other: \_\_\_\_\_

## Conveying Party(ies)

☐ Mark if additional names are attached

NAME

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

## EXECUTION DATE

Month, Day, Year (MMDDYYYY)

02/24/2003

02/24/2003

02/24/2003

02/24/2003

## 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: Patent Dept.

Address: 5775 Morehouse Drive

Address: San Diego, California 92121-1714

Telephone Number: (858) 651-4404

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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. 10/305,338 FILED 11/26/2002

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

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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: March 13, 2003

Name: Thien T. Nguyen, Reg. No. 43,835  
(858) 651-6137

Signature:

03/20/2003 DDYRME 00000109 170026 10305338

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Customer No. 23696

**PATENT**  
**REEL: 013859 FRAME: 0351**

# ASSIGNMENT

TO WHOM IT MAY CONCERN:

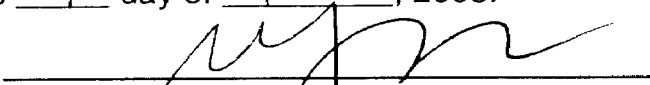
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we **PETER J. BLACK**, a citizen of Australia having a place of residence at **2961 FIRST AVENUE, SAN DIEGO, CALIFORNIA 92103**; **JUN MA**, a citizen of China having 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 **11/26/2002**, and assigned Application Serial No. **10/305,338**, 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 24<sup>th</sup> day of Feb., 2003.

  
\_\_\_\_\_  
**PETER J. BLACK**

Done at San Diego, California this 24<sup>th</sup> day of Feb., 2003.

  
\_\_\_\_\_  
**JUN MA**

Done at Sao Paulo, Brazil this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**EDUARDO ESTEVES**

Done at San Diego, California this 24<sup>th</sup> day of Feb., 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 \_\_\_\_\_, 2003.

\_\_\_\_\_  
**PETER J. BLACK**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**JUN MA**

Done at Sao Paulo, Brazil this 24 day of FEBRUARY, 2003.

Eduardo Esteves  
**EDUARDO ESTEVES**

Done at San Diego, California this \_\_\_\_\_ day of \_\_\_\_\_, 2003.

\_\_\_\_\_  
**CHRISTOPHER GERARD LOTT**

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Customer No. 23696