

06-19-2003

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6-16-03

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...orney Docket No.: 990356B1C1B1

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)☐ Mark if additional names are attached

NAME

EXECUTION DATE

Month, Day, Year (MMDDYYYY)

1. Naga Bhushan
2. Etienne Francois Chaponniere
3. Peter J. Black
4. David Ngar Ching Tse

06/09/2003
 06/12/2003
 06/09/2003
 06/05/2003

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.

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: 6

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. 10/356,116 filed 01/31/2003
- 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: June 12, 2003

Name: S. Hossain Beladi, Reg. No. 42,311
 (858) 651-4470

Signature: _____

S. Hossain Beladi Reg# 45,244
 for S. Hossain Beladi

FOR OFFICE USE ONLY

Page 1 of 1

06/17/2003 610M11 00000173 170026 10356116

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40.00 DA

Customer No. 23696

PATENT
REEL: 014175 FRAME: 0446

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, **Naga Bhushan**, a citizen of the United States of America having a place of residence at **7794 Roan Road, San Diego, California 92129**; **Etienne Francois Chaponniere**, a citizen of Switzerland having a place of residence at **703 Agate Street Apt. #5, San Diego, California 92109**; **Peter J. Black**, a citizen of Australia having a place of residence at **2961 First Avenue, San Diego, California 92103**; and **David Ngar Ching Tse**, a citizen of Canada having a place of residence at **1635 Scenic Ave #1, Berkeley, California 94709**; 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 **Transmitter Directed Code Division Multiple Access System Using Multi-users Diversity to Maximize Throughput While Equitably Providing Access to Users** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **01/31/2003**, and assigned Application Serial No. **10/356,116**, 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 JUNE, 2003.

L. S. Naga Bhushan
Naga Bhushan

Done at San Diego, California this 12th day of June, 2003.

~~Etienne Francois Chaponniere~~
Etienne Francois Chaponniere

Done at San Diego, California this 9th day of June, 2003.

Peter J. Black
Peter J. Black

Done at Berkeley, California this _____ day of _____, 2003.

David Ngar Ching Tse

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, **Naga Bhushan**, a citizen of the United States of America having a place of residence at **7794 Roan Road, San Diego, California 92129**; **Etienne Francois Chaponniere**, a citizen of Switzerland having a place of residence at **703 Agate Street Apt. #5, San Diego, California 92109**; **Peter J. Black**, a citizen of Australia having a place of residence at **2961 First Avenue, San Diego, California 92103**; and **David Ngar Ching Tse**, a citizen of Canada having a place of residence at **1635 Scenic Ave #1, Berkeley, California 94709**; 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 **Transmitter Directed Code Division Multiple Access System Using Multi-users Diversity to Maximize Throughput While Equitably Providing Access to Users** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **01/31/2003**, and assigned Application Serial No. **10/356,116**, 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 _____ day of _____, 2003.

Naga Bhushan

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

Etienne Francois Chaponniere

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

Peter J. Black

Done at Berkeley, California this 5th day of June, 2003.



David Ngai Ching Tse