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Attorney Docket No.: 050387U1

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

1. Min Dong
2. Tingfang Ji
3. Dhananjay Ashok Gore
4. Alexei Gorokhov
5. Arak Sutivong

EXECUTION DATE

Month, Day, Year (MMDDYYYY)
04182006

04182006

04192006

04282006

04182006

Receiving Party

Name: QUALCOMM Incorporated
A Delaware CorporationAddress (Street number and name): 5775 Morehouse Drive
Address (City, State, Zip Code): San Diego, California, 92121-1714Correspondent Name and Address
Name: QUALCOMM Incorporated
Attn: Patent DepartmentAddress: 5775 Morehouse Drive
Address: San Diego, California 92121-1714Telephone Number: (858) 658-5787
Facsimile: (858) 658-2502Pages (Enter the total number of pages of the attached conveyance document including any attachments)
Total number of pages: 7 (including fax cover)

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. 11/333,890
- 2.
- 3.

Patent Number(s):

- 1.
- 2.
- 3.

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: May 9, 2006

Name: Dmitry R. Milikovsky, Reg. No. 41,999
(858) 845-0130Signature: 

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PATENT

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 **Min Dong**, a citizen of China P.R. having a place of residence at 7154 Schilling Ave., Apt # 34, San Diego, California 92126, and **Tingfang Ji**, a citizen of China P.R. having a place of residence at 15876 Windrose Way, San Diego, California 92127, and **Dhananjay Ashok Gore**, a citizen of India having a place of residence 8465 Regents Road, Apt. # 436, San Diego, California 92122, and **Alexei Gorokhov**, a citizen of France having a place of residence at 12543 El Camino Real, San Diego, California 92130, and **Arak Sutivong**, a citizen of Thailand having a place of residence at 12 Soi Prasatsuk, Yen-A-Kat Road, Bangkok, Thailand 10120; 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:

USER SEPARATION IN SPACE DIVISION MULTIPLE ACCESS FOR A MULTI-CARRIER COMMUNICATION SYSTEM

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **January 17, 2006**, and assigned Serial No. **11/333,890**, including, without limitation, all provisional patent applications, **including Serial No. 60/691,434, Filed June 16, 2005**, 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 18 day of April, 2006.



Min Dong

Done at San Diego, California this _____ day of _____, 2006.

Tingfang Ji

Done at San Diego, California this _____ day of _____, 2006.

Dhananjay Ashok Gore

Done at San Diego, California this _____ day of _____, 2006.

Alexei Gorokhov

Done at Bangkok, Thailand this _____ day of _____, 2006.

Arak Sutivong

ATTORNEY DOCKET NO. 050387U1

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 ____, 2006.

Min Dong

Done at San Diego, California this 18 day of April, 2006.

Tingfang Ji

Done at San Diego, California this ____ day of ____, 2006.

Dhananjay Ashok Gore

Done at San Diego, California this ____ day of ____, 2006.

Alexei Gorokhov

Done at Bangkok, Thailand this ____ day of ____, 2006.

Arak Sutivong

ATTORNEY DOCKET NO. 050387U1

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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 _____, 2006.

Min Dong

Done at San Diego, California this _____ day of _____, 2006.

Tingfang Ji

Done at San Diego, California this 19th day of April, 2006.



Dhananjay Ashok Gore

Done at San Diego, California this _____ day of _____, 2006.

Alexei Gorokhov

Done at Bangkok, Thailand this _____ day of _____, 2006.

Arak Sutivong

ATTORNEY DOCKET NO. 050387U1

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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 _____, 2006.

Min Dong

Done at San Diego, California this _____ day of _____, 2006.

Tingfang Ji

Done at San Diego, California this _____ day of _____, 2006.

Dhananjay Ashok Gore

Done at San Diego, California this 28th day of April, 2006.



Alexei Gorokhov

Done at Bangkok, Thailand this _____ day of _____, 2006.

Arak Sutivong

ATTORNEY DOCKET NO. 050387U1

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 _____, 2006.

Min Dong

Done at San Diego, California this _____ day of _____, 2006.

Tingfang Ji

Done at San Diego, California this _____ day of _____, 2006.

Dhananjay Ashok Gore

Done at San Diego, California this _____ day of _____, 2006.

Alexei Gorokhov

Done at Bangkok, Thailand this 18th day of April, 2006.



Arak Sutivong