

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tingfang Ji	09/28/2005
Ayman Naguib	10/12/2005
Arak Sutivong	11/07/2005
Dhananjay Gore	08/04/2005
Alexei Gorokhov	08/03/2005
RECEIVING PARTY DATA	
Name:	Qualcomm Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12791702
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	858658-5568
Email:	llawlor@qualcomm.com
Correspondent Name:	QUALCOMM INCORPORATED
Address Line 1:	5775 MOREHOUSE DR.
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	050383C1
NAME OF SUBMITTER:	Leeanne Lawlor

CH \$40.00 12791702

Total Attachments: 4

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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, **Tingfang Ji**, a citizen of China P.R. having a place of residence at 3425 Lebon Dr, San Diego, California 92122, and **Ayman Naguib**, a citizen of ~~Egypt~~^{USA} having a place of residence at 991 Cranberry Drive, Cupertino, CA 95014; and **Arak Sutivong**, a citizen of Thailand having a place of residence at 8840 Costa Verde Blvd, San Diego CA 92122; and **Dhananjay Ashok Gore**, a citizen of India having a place of residence at 8465 Regents Road, San Diego CA 92122 and **Alexei Gorokhov**, a citizen of France having a place of residence at 12543 El Camino Real, San Diego, California 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:

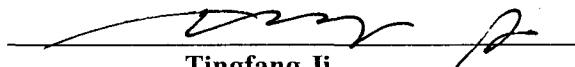
CHANNEL STRUCTURES FOR A QUASI-ORTHOGONAL MULTIPLE-ACCESS
COMMUNICATION SYSTEM

by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **May 13, 2005**, and assigned Serial No. **11/129,140**, including, without limitation, all provisional patent applications, 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 28 day of September, 2005.


Tingfang Ji

Done at San Diego, California this 12th day of October, 2005.


Ayman Naguib

Done at San Diego, California this _____ day of _____, 2005.

Arak Sutivong

Done at San Diego, California this _____ day of _____, 2005.

Dhananjay Gore

Done at San Diego, California this _____ day of _____, 2005.

Alexei Gorokhov

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 _____, 2005.

Tingfang Ji

Done at San Diego, California this _____ day of _____, 2005.

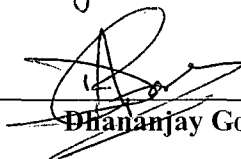
Ayman Naguib

Done at San Diego, California this 7th day of November, 2005.



Arak Sutivong

Done at San Diego, California this 4th day of August, 2005.



Dhananjay Gore

Done at San Diego, California this _____ day of _____, 2005.

Alexei Gorokhov

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 _____, 2005.

Tingfang Ji

Done at San Diego, California this ____ day of _____, 2005.

Ayman Naguib

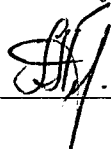
Done at San Diego, California this ____ day of _____, 2005.

Arak Sutivong

Done at San Diego, California this ____ day of _____, 2005.

Dhananjay Gore

Done at San Diego, California this 3rd day of August, 2005.



Alexei Gorokhov