

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jong Hyeon Park	03/21/2008
Bok Tae Sim	03/21/2008
Tae Ryun Chang	03/25/2008
Je Woo Kim	03/24/2008
Ju Won Park	03/24/2008
Chae Kwan Lee	03/21/2008
Sameer Nanavati	03/24/2008
RECEIVING PARTY DATA	
Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11969330
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	858-651-6281
Email:	US-Docketing@qualcomm.com
Correspondent Name:	QUALCOMM Incorporated
Address Line 1:	5775 Morehouse Drive
Address Line 4:	San Diego, CALIFORNIA 92121-1714
ATTORNEY DOCKET NUMBER:	071382

CH \$40.00 11969330

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**PATENT
REEL: 020766 FRAME: 0501**

NAME OF SUBMITTER:

Ross L. Franks, Reg. No. 47,233

Total Attachments: 3

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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,

1. **Jong Hyeon Park**, a citizen of Korea, having a place of residence at **1111 Di Napoli Drive, San Jose, California 95129**;
2. **Bok Tae Sim**, a citizen of Korea, having a place of residence at **2706 Salisbury Way, San Ramon, California 94582**;
3. **Tae Ryun Chang**, a citizen of Korea, having a place of residence at **1901 Halford Ave., #125, Santa Clara, California 95051**;
4. **Je Woo Kim**, a citizen of Korea, having a place of residence at **7486 Bollinger Road, Cupertino, California 95014**;
5. **Ju Won Park**, a citizen of Korea, having a place of residence at **2221 Amaryllis Circle, San Ramon, California 94582**;
6. **Chae Kwan Lee**, a citizen of Korea, having a place of residence at **5025 Castlewood Drive, San Jose, California 95129**; and
7. **Sameer Nanavati**, a citizen of the United States, having a place of residence at **1133 La Purissima Place, Fremont, California 94539**;

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:

**METHODS AND APPARATUS FOR SYNCHRONIZATION AND DETECTION IN
WIRELESS COMMUNICATION SYSTEMS**

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **January 4, 2008**, and assigned Serial No. **11/969,330** 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.

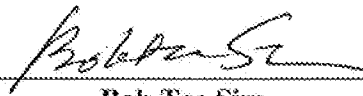
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Jose, California this 21th day of March, 2008.



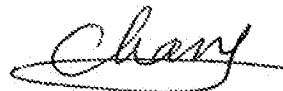
Jong Hyeon Park

Done at San Jose, California this 21th day of March, 2008.



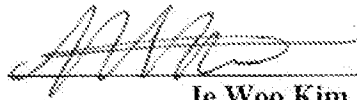
Bok Tae Sim

Done at Santa Clara, California this 25th day of March, 2008.



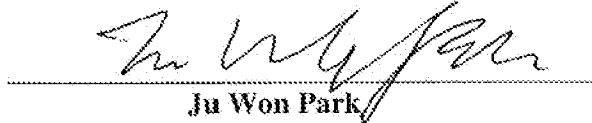
Tae Ryun Chang

Done at Cupertino, California this 24th day of March, 2008.



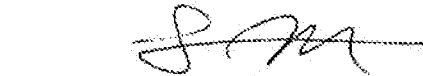
Je Woo Kim

Done at San Ramon, California this 24th day of March, 2008.



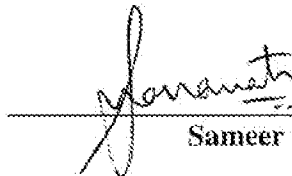
Ju Won Park

Done at San Jose, California this 24th day of March, 2008.



Chae Kwan Lee

Done at Fremont, CA this 24 day of March, 2008.



Sameer Nanavati