

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lionel J Garin</td> <td>09/08/2010</td> </tr> <tr> <td>Ju-Yong Do</td> <td>09/09/2010</td> </tr> <tr> <td>Gengsheng Zhang</td> <td>09/08/2010</td> </tr> </tbody> </table>		Name	Execution Date	Lionel J Garin	09/08/2010	Ju-Yong Do	09/09/2010	Gengsheng Zhang	09/08/2010
Name	Execution Date								
Lionel J Garin	09/08/2010								
Ju-Yong Do	09/09/2010								
Gengsheng Zhang	09/08/2010								
RECEIVING PARTY DATA									
Name:	QUALCOMM Incorporated								
Street Address:	5775 Morehouse Drive								
Internal Address:	Patent Department/Central Administration								
City:	San Diego								
State/Country:	CALIFORNIA								
Postal Code:	92121								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12876970</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12876970				
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Application Number:	12876970								
CORRESPONDENCE DATA									
Fax Number:	(858)658-2502								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	858-845-4265								
Email:	patent.docketing.us@qualcomm.com								
Correspondent Name:	QUALCOMM INCORPORATED								
Address Line 1:	5775 MOREHOUSE DR.								
Address Line 4:	SAN DIEGO, CALIFORNIA 92121								
ATTORNEY DOCKET NUMBER:	093412								
NAME OF SUBMITTER:	Thomas W. Coyne								

CH \$40.00 12876970

Total Attachments: 2
 source=093412_2010_09_09_assign#page1.tif

501285806

**PATENT
 REEL: 024961 FRAME: 0302**

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/I,

1. Lionel J. Garin, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Palo Alto, CA, USA.
2. Ju-Yong Do, a citizen of Korea, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Palo Alto, CA, USA.
3. Gengsheng Zhang, a citizen of the United States, having a mailing address of 5775 Morehouse Drive, San Diego, California 92121-1714; and a resident of Cupertino, CA, USA.

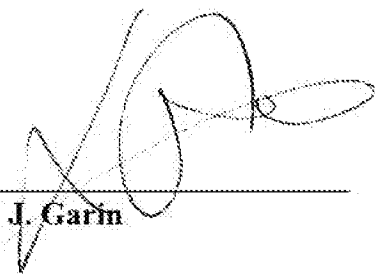
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **CONCURRENT WIRELESS TRANSMITTER MAPPING AND MOBILE STATION POSITIONING** by me devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **September 07, 2010**, and assigned Serial No. **12/876,970**, including Provisional Application Number **61/241,353**, filed on **September 10, 2009**, and all original and reissue patents granted thereof, and all divisions, continuations and continuations-in-part 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 I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible

ASSIGNMENT

to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

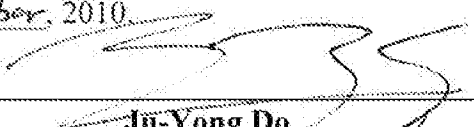
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at Santa Clara this 7th day of September, 2010.



Lionel J. Garin

Done at Santa Clara this 9th day of September, 2010.



Ju-Yong Do

Done at Santa Clara this 8th day of September, 2010.



Gengsheng Zhang