

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>Jin-Su Ko</td><td>11/04/2008</td></tr><tr><td>Michael Kohlmann</td><td>11/04/2008</td></tr><tr><td>Bahman Ahrari</td><td>11/04/2008</td></tr></tbody></table>	Name	Execution Date	Jin-Su Ko	11/04/2008	Michael Kohlmann	11/04/2008	Bahman Ahrari	11/04/2008	
Name	Execution Date								
Jin-Su Ko	11/04/2008								
Michael Kohlmann	11/04/2008								
Bahman Ahrari	11/04/2008								
RECEIVING PARTY DATA									
Name:	QUALCOMM Incorporated								
Street Address:	5775 Morehouse Drive								
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>12270755</td></tr></tbody></table>	Property Type	Number	Application Number:	12270755					
Property Type	Number								
Application Number:	12270755								
CORRESPONDENCE DATA									
Fax Number:	(858)658-2502								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email:	us-docketing@qualcomm.com								
Correspondent Name:	QUALCOMM Incorporated								
Address Line 1:	5775 Morehouse Drive								
Address Line 4:	San Diego, CALIFORNIA 92121								
ATTORNEY DOCKET NUMBER:	080053								
NAME OF SUBMITTER:	Gayle Gestick								
Total Attachments: 2 source=080053_2008-11-18_Assignment#page1.tif source=080053_2008-11-18_Assignment#page2.tif									

CH \$40.00 12270755

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PATENT
REEL: 021854 FRAME: 0521

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. Jin-Su Ko, a citizen of Korea, having a place of residence at 6493 Ramblewood Drive, San Jose, CA 95120;
2. Michael Kohlmann, a citizen of Germany, having a place of residence at 54 Carmelita Street, San Francisco, CA 94117;
3. Bahman Ahrari, a citizen of the United States of America, having a place of residence at P.O. Box 321420, Los Gatos, CA 95032;

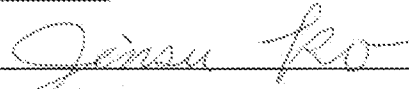
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **RF TRANSCEIVER IC HAVING INTERNAL LOOPBACK CONDUCTOR FOR IP2 SELF TEST** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on November 13, 2008, and assigned Serial No. 12/270,755 (and we hereby authorize and instruct QUALCOMM Incorporated to hereafter complete this Assignment by inserting the filing date and serial number in the space provided when known), 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

ASSIGNMENT

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 4th day of Nov, 2008.




Jin-Su Ko

Done at San Jose, California this 4th day of November, 2008.



Michael Kohlmann

Done at San Jose, California this 4th day of November, 2008.



Bahman Ahrari