

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>Wei Zhuo</td><td>02/28/2007</td></tr><tr><td>Aristotele Hadjichristos</td><td>03/09/2007</td></tr><tr><td>Gurkanwal S Sahota</td><td>02/26/2007</td></tr><tr><td>Solti Peng</td><td>02/21/2007</td></tr></tbody></table>	Name	Execution Date	Wei Zhuo	02/28/2007	Aristotele Hadjichristos	03/09/2007	Gurkanwal S Sahota	02/26/2007	Solti Peng	02/21/2007	
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Gurkanwal S Sahota	02/26/2007										
Solti Peng	02/21/2007										
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>11531314</td></tr></tbody></table>	Property Type	Number	Application Number:	11531314							
Property Type	Number										
Application Number:	11531314										
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 5235										
Email:	hseo@qualcomm.com										
Correspondent Name:	Howard H. Seo										
Address Line 1:	5775 Morehouse Drive										
Address Line 4:	SAN DIEGO, CALIFORNIA 92121										
ATTORNEY DOCKET NUMBER:	060009										
NAME OF SUBMITTER:	Howard H. Seo										
Total Attachments: 5											
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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, **Wei Zhuo**, a citizen of the People's Republic of China having a place of residence at 13122 Sunstone Pointe San Diego, CA 92130, **Aristotele Hadjichristos**, a citizen of Italy having a place of residence at 104 Northcode Drive Cary, NC 27519, **Gurkanwal S. Sahota**, a citizen of the United States of America having a place of residence at 3200 Sixth Ave. #301 San Diego, CA 92103, and **Solti Peng**, a citizen of the United States of America having a place of residence at 4537 Meadow Ridge Drive Plano, TX 75093; 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:

Systems, Methods, and Apparatus for Frequency Conversion

by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on **09/13/2006**, and assigned Serial No. **11/531,314**, including, without limitation, all provisional patent applications, including Serial No. **60/830,198**, filed **07/11/2006**, 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 February, 2007.



Wei Zhuo

Done at Cary, North Carolina this _____ day of _____, 2007.

Aristotele Hadjichristos

Done at San Diego, California this _____ day of _____, 2007.

Gurkanwal S. Sahota

Done at Plano, Texas this _____ day of _____, 2007.

Solti Peng

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 _____, 2007.

Wei Zhuo

Done at San Diego, California this 9th day of March, 2007.


Aristotele Hadjichristos

Done at San Diego, California this _____ day of _____, 2007.

Gurkanwal S. Sahota

Done at Plano, Texas this _____ day of _____, 2007.

Solti Peng

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 _____, 2007.

Wei Zhuo

Done at Cary, North Carolina this _____ day of _____, 2007.

Aristotele Hadjichristos

Done at San Diego, California this 26 day of Feb., 2007.



Gurkanwal S. Sahota

Done at Plano, Texas this _____ day of _____, 2007.

Softi Peng

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 _____, 2007.

Wei Zhuo

Done at Cary, North Carolina this _____ day of _____, 2007.

Aristotele Hadjichristos

Done at San Diego, California this _____ day of _____, 2007.

Gurkanwal S. Sahota

Done at Plano, Texas this 21st day of Feb., 2007.



Solti Peng