

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEVIN H WANG	07/23/2009
SARU PALAKURTY	07/23/2009
FREDERIC BOSSU	07/23/2009
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:	13316621
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	QUALCOMM INCORPORATED
Address Line 1:	5775 MOREHOUSE DR.
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	082444D1
NAME OF SUBMITTER:	VICTORIA PACEY-MINNEMAN
Total Attachments: 2 source=082444D1_2011-12-12_ASSGN-signed#page1.tif source=082444D1_2011-12-12_ASSGN-signed#page2.tif	

CH \$40.00 13316621

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PATENT
REEL: 027367 FRAME: 0603

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,

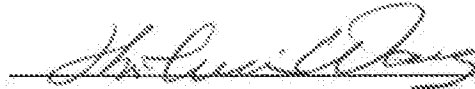
1. **Kevin H. Wang**, a citizen of the **United States**, having a mailing address of **5775 Morehouse Drive, San Diego, CA, 92121-1714, US**; and a resident of **San Diego, CA**; and
2. **Saru Palakurty**, a citizen of **India**, having a mailing address of **5775 Morehouse Drive, San Diego, CA, 92121-1714, US**; and a resident of **San Diego, CA**; and
3. **Frederic Bossu**, a citizen of **France**, having a mailing address of **5775 Morehouse Drive, San Diego, CA, 92121-1714, US**; and a resident of **San Diego, CA**,

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 **TIME-TO-DIGITAL CONVERTER (TDC) WITH IMPROVED RESOLUTION** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **May 6, 2009**, and assigned Serial Number **12/436,265**, including Provisional Application Number **61/164,816**, filed on **March 30, 2009**, and all original and reissue patents granted thereof (in the United States and any foreign county), and all divisionals, 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 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.

ASSIGNMENT

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 23rd day of July, 2009.



KEVIN H. WANG

Done at San Diego, California this 23rd day of July, 2009.



SARU PALAKURTY

Done at San Diego, California this 23rd day of July, 2009.



FREDERIC BOSSU