

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAO XU	07/30/2008
DURGA PRASAD MALLADI	07/30/2008
RACHEL WANG	07/30/2008
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	
Property Type	Number
Application Number:	14313838
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	858-845-4265
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Correspondent Name:	QUALCOMM INCORPORATED
Address Line 1:	5775 MOREHOUSE DR.
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	071527U2C1
NAME OF SUBMITTER:	THOMAS COYNE
SIGNATURE:	/Thomas Coyne/
DATE SIGNED:	08/13/2014
Total Attachments: 2	
source=071527U2C1_Executed_Assignment#page1.tif	
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ASSIGNMENT

TO WHOM IT MAY CONCERN:

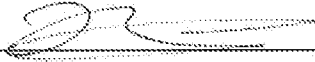
For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that We,

1. Hao Xu, a citizen of China, having a place of residence at 12156 Via Milano, San Diego, CA 92128, USA;
2. Durga Prasad Malladi, a citizen of the United States, having a place of residence at 11983 Briarleaf Way, San Diego, CA 92128, USA; and
3. Rachel Wang, a citizen of China, having a place of residence at 8715 Westmore Road, Unit 16, San Diego, CA 92126, 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 PILOT STRUCTURES FOR ACK AND CQI IN A WIRELESS COMMUNICATION SYSTEM by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on May 8, 2008 and assigned Application Number 12/117,585, including, without limitation, all provisional patent applications, including Provisional Application Number 60/938,995, filed on May 18, 2007, and all original and reissue patents granted thereof (in the United States and any foreign county), 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 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 to aid said corporation, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

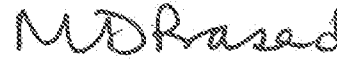
The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this 30th day of July, 2008.



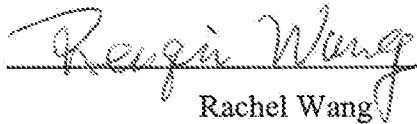
Hao Xu

Done at San Diego, California this 30^m day of July, 2008.



Durga Prasad Malladi

Done at San Diego, California this 30 day of July, 2008.


Rachel Wang