

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jianqiang He	07/23/2009
Fernando Igartua	07/24/2009
Gaurav Kumar	07/27/2009
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:	12535531
CORRESPONDENCE DATA	
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Email:	nanm@qualcomm.com
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ATTORNEY DOCKET NUMBER:	081565
NAME OF SUBMITTER:	Darren M. Simon
Total Attachments: 2 source=081565_2009_08_05_ASSN#page1.tif source=081565_2009_08_05_ASSN#page2.tif	

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REEL: 023054 FRAME: 0497

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. **Jianqiang He**, a citizen of **The People's Republic of China**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **San Diego, CA**,
2. **Fernando Igartua**, a citizen of **The United States of America**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **San Diego, CA**, and
3. **Gaurav Kumar**, a citizen of **The United States of America**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **San Diego, CA**,

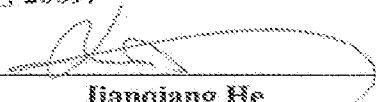
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **Apparatus and Method for Improving WLAN Spectrum Efficiency and Reducing Interference by Flow Control** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on on 2/1/2009, and assigned Serial No. 12/535,531, (and I 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,

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including Provisional Application Number **61/170,058**, filed on **04/16/2009**, and all original and reissue patents granted thereof (in the United States and any foreign country), and all divisionals, 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 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, CA** this 23 day of July, 2009.



Jianqiang He

Done at **San Diego, CA** this 24 day of July, 2009.



Fernando Igartua

Done at **San Diego, CA** this 27 day of July, 2009.



Gaurav Kumar