

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yu-Cheun Jou	04/20/2009
Peter J. Black	04/15/2009
Rashid Ahmed A. Attar	06/01/2009
RECEIVING PARTY DATA	
Name:	QUALCOMM Incorporated
Street Address:	5775 Morehouse Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121-1714
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12424019
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(858) 651-5205
Email:	patent.docketing.us@qualcomm.com
Correspondent Name:	QUALCOMM Incorporated
Address Line 1:	5775 Morehouse Drive
Address Line 4:	San Diego, CALIFORNIA 92121-1714
ATTORNEY DOCKET NUMBER:	081784U1
NAME OF SUBMITTER:	Marvin Jefferson
Total Attachments: 6 source=081784U1_ASST#page1.tif source=081784U1_ASST#page2.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. Yu-Cheun Jou, a citizen of the United States of America, having a place of residence at 9979 Riverhead Drive, San Diego, California, 92129, United States of America;

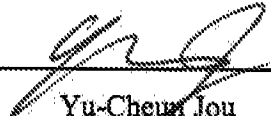
2. Peter J. Black, a citizen of Australia, having a place of residence at 1945 Sunset Boulevard, San Diego, California, 92103, United States of America; and

3. Rashid Ahmed A. Attar, a citizen of the United States of America, having a place of residence at 14724 Via Mantova, San Diego, California, 92127, United States of America;

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 **INCREASING CAPACITY IN WIRELESS COMMUNICATIONS** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on April 15, 2009, assigned Application Number 12/424,019, including, without limitation, all provisional patent applications, including Provisional Application Number 61/060,119 filed on June 9, 2008, and Provisional Application Number 61/060,408 filed on June 10, 2008, and Provisional Application Number 61/061,546 filed on June 13, 2008, and all original and reissue patents granted thereof (in the United States and any foreign country), 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 20th day of April, 2009.



Yu-Chen Jou

Done at San Diego, California this _____ day of _____, 2009.

Peter J. Black

Done at San Diego, California this _____ day of _____, 2009.

Rashid Ahmed A. Attar

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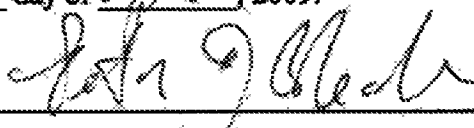
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The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto said corporation in keeping with this Assignment.

Done at San Diego, California this _____ day of _____, 2009.

Yu-Cheun Jou

Done at San Diego, California this 15th day of April, 2009.



Peter J. Black

Done at San Diego, California this _____ day of _____, 2009.

Rashid Ahmed A. Attar

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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 _____, 2009.

Yu-Cheun Jou

Done at San Diego, California this ____ day of _____, 2009.

Peter J. Black

Done at San Diego, California this 18th day of June, 2009.


Rashid Ahmed A. Attar