

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Arunava Chaudhuri	04/06/2009
Hemanth Sampath	03/25/2009
Raghu N. Challa	03/29/2009
Ravi Palanki	03/30/2009
Sunil K. Kandukuri narayan	03/25/2009
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:	12409832
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:	usdocketing@qualcomm.com
Correspondent Name:	QUALCOMM Incorporated
Address Line 1:	5775 Morehouse Drive
Address Line 4:	San Diego, CALIFORNIA 92121-1714
ATTORNEY DOCKET NUMBER:	081141
NAME OF SUBMITTER:	Carolyn Mascitelli

CH \$40.00 12409832

Total Attachments: 10

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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. Arunava Chaudhuri, a citizen of India, having a place of residence at 9505 Easter Way #6, San Diego, California, 92121, United States of America;
2. Hemanth Sampath, a citizen of the United States of America, having a place of residence at 3745 Carmel View Road #6, San Diego, California, 92130, United States of America;
3. Raghu N. Challa, a citizen of the United States of America, having a place of residence at 11215 Zapata Avenue, San Diego, California, 92126, United States of America;
4. Ravi Palanki, a citizen of India, having a place of residence at 8950 Costa Verde Boulevard #4339, San Diego, California, 92122, United States of America; and
5. Sunil K. Kandukuri Narayan, a citizen of India, having a place of residence at 9085 Judicial Drive # 2108, San Diego, California, 92122, 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 **SYSTEMS AND METHODS FOR SENDING AN ACKNOWLEDGEMENT MESSAGE 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 **March 24, 2009**, assigned Application Number **12/409,832**, including, without limitation, all provisional patent applications, including Provisional Application Number **61/039,778** filed on **March 26, 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 6 day of April, 2009.

A. Chaudhuri
Arunava Chaudhuri

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

Hemanth Sampath

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

Raghu N. Challa

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

Ravi Palanki

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

Sunil K. Kandukuri Narayan

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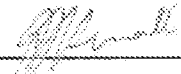
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Done at San Diego, California this _____ day of _____, 2009.

Arunava Chaudhuri

Done at San Diego, California this 25th day of March, 2009.



Hemanth Sampath

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

Raghu N. Challa

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

Ravi Palanki

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

Sunil K. Kandukuri Narayan

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

Arunava Chaudhuri

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

Hemanth Sampath

Done at San Diego, California this 29 day of 3, 2009.

Raghu N. Challa

Raghu N. Challa

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

Ravi Palanki

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

Sunil K. Kandukuri Narayan

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

Arunava Chaudhuri

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

Hemanth Sampath

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

Raghu N. Challa

Done at San Diego, California this 30th day of Nov, 2009.

P. Palanki

Ravi Palanki

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

Sunil K. Kandukuri Narayan

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

Arunava Chaudhuri

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

Hemanth Sampath

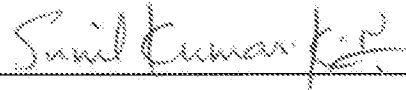
Done at San Diego, California this _____ day of _____, 2009.

Raghu N. Challa

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

Ravi Palanki

Done at San Diego, California this 25 day of Mar, 2009.



Sunil K. Kandukuri Narayan