

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4638381

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIDDHARTHA MALLIK	04/15/2011
RENQIU WANG	04/20/2011
RAVI PALANKI	04/15/2011
NAGA BHUSHAN	04/15/2011
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:	15782355
CORRESPONDENCE DATA	
Fax Number:	(571)432-0808
<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:	8586584351
Email:	rallen@harrityllp.com
Correspondent Name:	HARRITY & HARRITY, LLP
Address Line 1:	11350 RANDOM HILLS ROAD
Address Line 2:	SUITE 600
Address Line 4:	FAIRFAX, VIRGINIA 22030
ATTORNEY DOCKET NUMBER:	0097-0379D2/101571D1D1
NAME OF SUBMITTER:	PAUL M. GURZO
SIGNATURE:	/PAUL M. GURZO, Reg. No. 67,478/
DATE SIGNED:	10/12/2017
Total Attachments: 5	
source=0097-0379D2-101571D1D1_Assignment_12_October_2017#page1.tif	
source=0097-0379D2-101571D1D1_Assignment_12_October_2017#page2.tif	

source=0097-0379D2-101571D1D1_Assignment_12_October_2017#page3.tif

source=0097-0379D2-101571D1D1_Assignment_12_October_2017#page4.tif

source=0097-0379D2-101571D1D1_Assignment_12_October_2017#page5.tif

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. **Siddhartha Mallik**, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, CA,
2. **Renqiu Wang**, a citizen of China P.R., having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, CA,
3. **Ravi Palanki**, a citizen of India, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of San Diego, CA,
4. **Naga Bhushan**, 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 **NETWORK-ASSISTED PEER DISCOVERY** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on 04/12/11, and assigned Serial No. 13/085,306, including Provisional Application Numbers 61/324,606, filed on 04/15/10, and 61/360,705, filed on 07/01/10, and all original and reissue patents granted thereof (in the United

ASSIGNMENT

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 15th day of April, 2011.



Siddhartha Mallik

Done at San Diego, CA this _____ day of _____, 2011.

Renqiu Wang

Done at San Diego, CA this _____ day of _____, 2011.

Ravi Palanki

Done at San Diego, CA this _____ day of _____, 2011.

Naga Bhushan

ASSIGNMENT

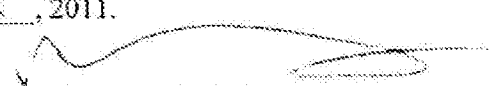
States and any foreign country), and all divisionals, continuations and continuations-in-part thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that 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 _____ day of _____, 2011.

Siddhartha Mallik

Done at San Diego, CA this 20 day of April, 2011.



Renqiu Wang

Done at San Diego, CA this _____ day of _____, 2011.

Ravi Palanki

Done at San Diego, CA this _____ day of _____, 2011.

Naga Bhushan

ASSIGNMENT

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 _____ day of _____, 2011.

Siddhartha Mallik

Done at San Diego, CA this _____ day of _____, 2011.

Renqiu Wang

Done at San Diego, CA this 15 day of April, 2011.

P. Ravi

Ravi Palanki

Done at San Diego, CA this _____ day of _____, 2011.

Naga Bhushan

ASSIGNMENT

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 _____ day of _____, 2011.

Siddhartha Mallik


Done at San Diego, CA this _____ day of _____, 2011.

Renqiu Wang

Done at San Diego, CA this _____ day of _____, 2011.

Ravi Palanki

Done at San Diego, CA this 15TH day of APRIL, 2011.



Naga Bhushan