

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
George Cherian	04/07/2011
Peerapol Tinnakomsrisuphap	04/14/2011
Jun Wang	05/02/2011
Anand Palanigounder	04/20/2011
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:	13080522
CORRESPONDENCE DATA	
Fax Number:	(858)658-2502
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	858-845-4265
Email:	patent.docketing.us@qualcomm.com
Correspondent Name:	QUALCOMM INCORPORATED
Address Line 1:	5775 MOREHOUSE DR.
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	101528
NAME OF SUBMITTER:	Shae Penturf

CH \$40.00 13080522

Total Attachments: 6
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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. **George Cherian**, 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**,
2. **Peerapol Tinnakornsrishupap**, a citizen of **Thailand**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **San Diego, CA**,
3. **Jun Wang**, a citizen of **the United States of America**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **La Jolla, CA**,
4. **Anand Palanigounder**, a citizen of **India**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **San Diego, CA**,

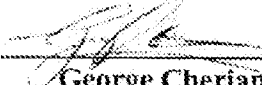
have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto QUALCOMM Incorporated, a Delaware corporation, having a place of business at 5775 Morehouse Drive, San Diego, California 92121-1714, its successors, legal representatives, or assigns, the entire right, title and interest in and to a certain invention relating to **APPARATUS AND METHOD FOR CONNECTION ESTABLISHMENT IN A COMMUNICATIONS NETWORK** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **04/05/11** and assigned Serial No. **13/080,522**, including Provisional Application Number **61/321,798**, filed on **04/07/10**, and all original and

ASSIGNMENT

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 07 day of DEC, 2011.


George Cherian

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

Peerapol Tinnakornsriruphap

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

Jun Wang

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

Anand Palanigounder

ASSIGNMENT

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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. **George Cherian**, 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**,
2. **Peerapol Tinnakornsrisuphap**, a citizen of **Thailand**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **San Diego, CA**,
3. **Jun Wang**, a citizen of **the United States of America**, having a mailing address of 5775 Morehouse Drive, San Diego, CA 92121; and a resident of **La Jolla, CA**,
4. **Anand Palanigounder**, a citizen of **India**, 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 CONNECTION ESTABLISHMENT IN A COMMUNICATIONS NETWORK** by us devised and the application for United States Patent therefore filed in the United States Patent and Trademark Office on **04/05/11** and assigned Serial No. **13/080,522**, including Provisional Application Number **61/321,798**, filed on **04/07/10**, and all original and

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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, CA** this _____ day of _____, 2011.

Done at **San Diego, CA** this 14th day of April, 2011.

George Cherian

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



Peerapol Tinnakornsriruphap

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

Jun Wang

Anand Palanigounder

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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.

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

George Cherian

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

Peerapol Tinnakornsriruphap

Done at **San Diego, CA** this 2 day of May, 2011.

Jun Wang

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

Anand Palanigounder

ASSIGNMENT

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 _____ day of _____, 2011.

George Cherian

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

Peerapol Tinnakornsriruphap

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

Jun Wang

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



Anand Palanigounder