505491327 05/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5538131

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARAK SUTIVONG	12/03/2004
EDWARD TEAGUE	12/22/2004
ALEXEI GOROKHOV	12/22/2004

RECEIVING PARTY DATA

Name:	QUALCOMM INCORPORATED	
Street Address:	5775 MOREHOUSE DRIVE	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121-1714	

PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	16395029
Application Number:	15499705
Application Number:	14821664
Application Number:	11020457
Application Number:	60590113

CORRESPONDENCE DATA

Fax Number: (303)473-2720

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.

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Correspondent Name: MICHAEL DRAPKIN Address Line 1: P.O. BOX 11583

Address Line 4: SALT LAKE CITY, UTAH 84147

ATTORNEY DOCKET NUMBER:	PT409.01* (88492.1464)	
NAME OF SUBMITTER:	MICHAEL L. DRAPKIN	
SIGNATURE:	/Michael L. Drapkin/	
DATE SIGNED:	05/23/2019	

PATENT REEL: 049269 FRAME: 0671

Total Attachments: 2

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PATENT REEL: 049269 FRAME: 0672 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 Arak Sutivong, a citizen of Thailand

having a place of residence at 8840 Costa Verde Blvd. #3439, San Diego, California 92122,

and Edward Harrison Teague, a citizen of the United States of America having a place of

residence at 4614 Bryson Terrace, San Diego, California 92130, and Alexei Gorokhov, a

citizen of France having a place of residence at 12543 El Camino Real, San Diego, California

92130; 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 whole right, title and interest in and to a certain invention

relating to:

EFFICIENT SIGNALING OVER ACCESS CHANNEL

by us devised and the application for United States Patent therefore filed in the United States

Patent and Trademark Office on December 22, 2004, as Serial No. 11/020,457 including,

without limitation, all provisional patent applications, including Serial No. 60/590,113,

filed July 21, 2004, and all original and reissue patents granted thereof, 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.

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[Assignment/Multiple With Application]

REEL: 049269 FRAME: 0673

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 3rd day of Pecember , 200 4.

Arak Sutivong

Done at San Diego, California this 27 day of Pecember , 200 4.

Edward Harrison Teague

Done at San Diego, California this 22 day of December , 200 4 ..

Alexei Gorokhov

RECORDED: 05/23/2019

REEL: 049269 FRAME: 0674