504024517 09/27/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4071176

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL E BENDER	08/20/1999
MATTHEW S GROB	08/23/1999
GADI KARMI	08/19/1999
ROBERTO PADOVANI	08/23/1999

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:	10357986

CORRESPONDENCE DATA

Fax Number:

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.

Email:c_sascha@qualcomm.comCorrespondent Name:QUALCOMM INCORPORATEDAddress Line 1:5775 MOREHOUSE DRIVE

Address Line 4: SAN DIEGO, CALIFORNIA 92121

NAME OF SUBMITTER: SASCHA KOURIS
SIGNATURE: /Sascha Kouris/
DATE SIGNED: 09/27/2016

Total Attachments: 4

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PATENT 504024517 REEL: 039868 FRAME: 0861

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, Paul E. Bender, a citizen of The United States of America having a place of residence at 2879 Angell Avenue, San Diego, California 92122; Matthew S. Grob, a citizen of The United States of America having a place of residence at 2757 Bordeaux Avenue, La Jolla, California 92037; Gadi Karmi, a citizen of Israel having a place of residence at 10968 Corte Playa Barcelona, San Diego, California 92124; and Roberto Padovani, a citizen of Italy having a place of residence at 13593 Penfield Point, 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, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to a METHOD AND APPARATUS FOR SIGNAL COMBINING IN A HIGH DATA **RATE COMMUNICATION SYSTEM** by us devised and the application for United States Patent therefor filed in the United States Patent and Trademark Office on July 2, 1999, 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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[PA990454 ASSN]

REEL: 0RAFENTE: 0427
REEL: 039868 FRAME: 0862

The Commissioner of Patents and Trademarks is requested to issue any 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 $\frac{20}{100}$ day of $\frac{100}{100}$, 1999.

Kaylo R Vew Notary Public

STATE OF CALIFORNIA

) ss.

COUNTY OF SAN DIEGO)

On Hugust 20, 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared PAUL E. BENDER, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

(seal)



REEL: 039868 FRAME: 0863

Done at San Diego, California this <u>23</u> day of مودود المعادة) , 1999.
MATTHEW S. GROB
STATE OF CALIFORNIA)) ss.
COUNTY OF SAN DIEGO)
On AUMSt 23, 1999 before me, the undersigned, a Notary Public in and
for said State, personally appeared MATTHEW S. GROB, personally known to me o
proved to me on the basis of satisfactory evidence to be the person whose name is
subscribed to the within instrument and acknowledged that he executed same. KAYLA R. SEIGNIOUS Commission # 1207377 Notary Public - Colliamia San Diego County My Comm. Expires Jan 9, 2003
Done at San Diego, California this 19 day of 1999
GADI KARMI
STATE OF CALIFORNIA)

STAT

) ss. COUNTY OF SAN DIEGO

On August 9, 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared GADI KARMI, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Kayla K Herry Notary Public



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[PA990454 ASSN]

Done at San Diego, California this 23 day of Aug., 1999

ROBERTO PADOVANI

STATE OF CALIFORNIA

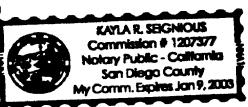
ss.

COUNTY OF SAN DIEGO

On High 23, 1999 before me, the undersigned, a Notary Public in and for said State, personally appeared ROBERTO PADOVANI, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged that he executed same.

Notary F

(seal)



REEL: 039868 FRAME: 0865