502699678 02/27/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2746283

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIHAR JINDAL	02/20/2014
YONG LIU	02/21/2014
MATTHEW JAMES FISCHER	02/17/2014
RON PORAT	02/13/2014
CHIU NGOK ERIC WONG	02/16/2014
VINKO ERCEG	02/27/2014

RECEIVING PARTY DATA

Name:	BROADCOM CORPORATION
Street Address:	5300 CALIFORNIA AVENUE
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92617

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14192228

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: BP32157

NAME OF SUBMITTER: KATHRYN A. MCCROSSEN

502699678 REEL: 032315 FRAME: 0609

PATENT

Signature:	/Kathryn A. McCrossen/
Date:	02/27/2014
Total Attachments: 7 source=BP32157 - assignment_executed_b	zip#page2.tif zip#page3.tif zip#page4.tif zip#page4.tif zip#page5.tif zip#page6.tif

PATENT REEL: 032315 FRAME: 0610 Docket No. BP32157

Application No.:	14/192,228	
Filing Date:	02-27-2014	
Patent No.:		
Issue Date:		

ASSIGNMENT

WHEREAS, the undersigned inventor(s), hereinafter called the "Assignors", have invented a new and useful invention entitled:

Channel sharing within wireless communications

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith or that was filed with the United States Patent and Trademark Office on the 27th day of February , 2014 . The Assignors believe himself/herself/themselves to be the original inventor(s) of the invention disclosed and claimed in the application for Letters Patent.

WHEREAS, The entity identified immediately below having a principal office and place of business as identified, hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

Broadcom Corporation, a California Corporation 5300 California Avenue Irvine, CA 92617

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, any and all provisional patent applications from which the application claims priority, and all Letters Patents that may issue for the said invention, and all divisional, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

FURTHER, be it known that the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention. Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection with any and all domestic and foreign patent applications identified herein or related to such identified patent applications in respective prosecution thereof and/or to perfect such patent rights.

And the Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and

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PATENT REEL: 032315 FRAME: 0611 Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this Assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

The United States Patent and Trademark Office is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

Inventor(s);	3136114		
Nihar Jindat	Date	Vinko Erceg	Date
Yong Liu	Date		Date
Matthew James Fischer	Date	**************************************	Date
Ron Porat	Date		Date
Chiu Ngok Eric Wong	Date		Date

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IN TESTIMONY WHEREOF, the Assignors have hereunto set their hands on the date indicated below. The undersigned hereby authorizes and requests the attorneys and/or agents of record in the application above identified, and in, to and under Letters Patent which may be obtained for said invention, to insert in this assignment the filing date and serial number of said application (and/or issue date and patent number of said corresponding Letters Patent) when officially known, if applicable.

Inventor(s):

Nihar lindal	Date	Vinko Erceg	Date
I de la communidada de la composição de	2/21/14		
Yong Liu	Date	· · · · · · · · · · · · · · · · · · ·	Date
Matthew James Fischer	Date	·	Date
Ron Porat	Date		Date
Chiu Neok Eric Wong	Date	***************************************	Date

Docket No. BP32157

Inventor(s):

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Nihar Jindal	Date	Vinko Erceg	Date
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Yong Liu	Date 17	2014	Date
Matthew James Fischer	Date		Date
Ron Porat	Date		Date
Chin Ngok Eric Wong	Para		Date

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Nihar Jindal	Date	Vinko Erceg	Date
Yong Liu	Date	***************************************	Date
Matthew James Fischer	Date		Date
Ron Porat	2/13/14 Date		Date
Chiu Ngok Eric Wong	Date	***************************************	Date

inventor(s):

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Nihar Jindal	Date Vinko Erceg	Date
Yong Liu	Date	Date
Matthew James Fischer	Date	Date
Ron Porat	Date	Date
Chu Ngok Eric Wong	2 16 2014 Date	Date

Docket No. BP32157

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Inventor(s):		Villes	52	2/27/201
Nihar Jindal	Date	Vinko Erceg	H H	Date
Yong Liu	Date	***************************************	***************************************	Date
Matthew James Fischer	Date			Date
Ron Porat	Date	***************************************		Date
Chiu Ngok Eric Wong	Date	TORONO REPORTE ANALYSIS PROLET A METAL PARTICULAR ANALYSIS ANALYSI ANALYSI ANALYSI ANALYSI ANALYSI ANALYSI ANAL		Date