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PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2633430

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON ALEXANDER TRACHEWSKY	01/05/2006

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14094107

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ATTORNEY DOCKET NUMBER:	3875.3320005
NAME OF SUBMITTER:	/WILLIAM P. LADD/
Signature:	/William P. Ladd 64,646/
Date:	12/02/2013

Total Attachments: 1

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OP \$40.00

PATENT REEL: 031699 FRAME: 0728

SQUIRE SANDERS & DEMPSEY L.L.P.

Docket No. 58268.00396

WORLDWIDE INVENTION ASSIGNMENT

For good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR)

by

*Filed on:

RECORDED: 12/02/2013

[lrasert ASSIGNEE's Name(s) Address(cs)] Broadcom Corporation 16215 Alton Parkway Irvine, California 92618-3616

(hereinafter ASSIGNEE), the receipt and sufficiency of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention]

METHOD AND APPARATUS FOR WIDE BANDWIDTH MIXED-MODE WIRELESS COMMUNCIATIONS

[*If the assignment is being filed after the filing of the application, this section must be completed] for which the following applications were filed:

27 July 2004 3 November 2004 Application Number(s) 60/591,097 60/624,197 11/188,767

3 November 2004 26 July 2005

(Squire, Sanders & Dempsey L.L.P. is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of any country in the world to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

	Jason Alexander TRACHEWSKY	2 5 2006
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT

REEL: 031699 FRAME: 0729