PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Juin-Hwey Chen	08/05/2013
Robert W. Zopf	08/07/2013
Bengt J. Borgstrom	08/02/2013
Elias Nemer	08/06/2013
Ashutosh Pandey	08/12/2013
Jes Thyssen	08/06/2013

RECEIVING PARTY DATA

Name:	Broadcom Corporation
Street Address:	5300 California Avenue
City:	Irvine
State/Country:	CALIFORNIA
Postal Code:	92617-3038

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13965661

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	A05.02010002
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NAME OF SUBMITTER: Thomas C. Fiala

PATENT REEL: 031000 FRAME: 0792 \$40.00 13965

Signature:	/Thomas C. Fiala, Reg No. 43,610/	
Date:	08/13/2013	
Total Attachments: 12		
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PATENT REEL: 031000 FRAME: 0793

In consideration of the sum of one dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventors: <u>Juin-Hwey Chen, Robert W. Zopf, Bengt J. Borgstrom, Elias Nemer, Ashutosh Pandey and Jes Thyssen, hereby sells and assigns to <u>Broadcom Corporation</u>, a corporation formed under the laws of <u>California</u>, whose mailing address is <u>5300 California Avenue</u>, <u>Irvine, California 92617-3038</u> (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present, and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,</u>

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 - (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual property protection derivable from such patent application, and that are derivable from any and all continuing patent applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefore; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

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Date: 8-5-20/3	Signature of Inventor:	Jaim Durey Chan Juin-Hwey Chen
Date:		Juin-Hwey Chen
		Robert W. Zopf
Date:	Signature of Inventor:	
		Bengt J. Borgstrom
Date;	Signature of Inventor:	***
		Elias Nemer
Date:	Signature of Inventor:	
		Ashutosh Pandey
Date:	Signature of Inventor:	
		Jes Thyssen

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Date:	Signature of Inventor:	
Date: Aug 7,2013	Signature of Inventor:	Juin-Hwey Chen Rebert W Zopf
Date:	Signature of Inventor:	Bengt J. Borgstrom
Date:	Signature of Inventor:	Elias Nemer
Date:	Signature of Inventor:	Ashutosh Pandey
Date:	Signature of Inventor:	Jes Thyssen

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Date:	Signature of Inventor:
Date:	Signature of Inventor: Robert W. Zopf
Date: 8/2/13	Signature of Inventor:
Date:	Signature of Inventor: Elias Nemer
Date:	Signature of Inventor: Ashutosh Pandey
Date:	Signature of Inventor: Jes Thyssen

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Dare # 196 2013	Signature of Inventor:
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Date:	Signature of Inventor:
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Date: 8 12 2013	Signature of Inventor:Ashutosh Pandey
	Ashutosh Pandey
Date:	Signature of Inventor:
•	Iec Thyceen

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Date: 8-6-2013	Signature of Inventor: Jos hyse	
	les Thyssen	