502628669 01/09/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2675277

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	Y DATA			
		Name	Execution Date	
REZAUR RAHMAN KHAN			12/30/2013	
SAM ZIQUN ZHAO			12/30/2013	
RECEIVING PARTY	' DATA			
Name:	BROADCOM	BROADCOM CORPORATION		
Street Address:	5300 CALIFOI	5300 CALIFORNIA AVENUE		
City:	IRVINE	IRVINE		
State/Country:	CALIFORNIA	CALIFORNIA		
Postal Code:	92617-3038			
PROPERTY NUMB	ERS Total: 1			
Property Type		Number		
Application Number:		14147237		
CORRESPONDENC	DE DATA			
Fax Number:	*	2)332-8352		
Phone:	425-	270-3680		
Phone: Email:	425- char	270-3680 tness@cpaglobal.com	r	
Phone: Email: Correspondence with	425- char <i>II be sent via US Ma</i>	270-3680	ı.	
Phone: Email:	425- char <i>II be sent via US Ma</i> ne: JEFI	270-3680 tness@cpaglobal.com ail when the email attempt is unsuccessful	<i>t</i> .	

ATTORNEY DOCKET NUMBER:

A05.02250001

NAME OF SUBMITTER:

JEFFREY S. WEAVER

Signature:

/Jeffrey S. Weaver, #45,608/

Date:

01/09/2014

Total Attachments: 2

source=A05.02250001 Executed Assignment#page1.tif source=A05.02250001 Executed Assignment#page2.tif

PATENT REEL: 031933 FRAME: 0245

ASSIGNMENT

In consideration of the sum of one dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventors: Rezaur Rahman Khan and Sam Ziqun Zhao, hereby sells and assigns to Broadcom Corporation, a corporation formed under the laws of California, whose mailing address is 5300 California Avenue, Irvine, California 92617-3038 (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,

- (a) in the invention(s) known as <u>COMPLIANT DIELECTRIC LAYER</u> <u>FOR SEMICONDUCTOR DEVICE</u> for which application(s) for patent in the United States of America has a filing date or a 371(c) date of <u>January 3, 2014</u>, (also known as United States Application No. <u>14/147,237</u>) (Attorney Docket No. <u>A05.02250001</u>), in any and all applications thereon, in any and all Letters Patent(s) therefore, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefore listed above in part (a), to the full extent of the term or terms for which Letters Patent issue, and
- (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;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

Page 1 of 2

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with CUSTOMER NUMBER 68365 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: \(\frac{12\lambda 30\lambda 20\lambda \}{20\lambda 30\lambda 20\lambda \} \) Signature of Inventor: \(\frac{12\lambda 9\lambda 20\lambda \}{20\lambda 30\lambda 20\lambda \} \) Signature of Inventor: \(\frac{12\lambda 30\lambda 20\lambda \}{20\lambda 20\lambda \} \) Signature of Inventor: \(\frac{12\lambda 30\lambda 20\lambda \}{20\lambda 20\lambda \} \)