

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Milind S. Bhagavat</td> <td>12/20/2012</td> </tr> <tr> <td>Sampath Komarapalayam Velayudham Karikalan</td> <td>12/21/2012</td> </tr> <tr> <td>Rezaur Rahman Khan</td> <td>12/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Milind S. Bhagavat	12/20/2012	Sampath Komarapalayam Velayudham Karikalan	12/21/2012	Rezaur Rahman Khan	12/20/2012
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Milind S. Bhagavat	12/20/2012								
Sampath Komarapalayam Velayudham Karikalan	12/21/2012								
Rezaur Rahman Khan	12/20/2012								
RECEIVING PARTY DATA									
Name:	Broadcom Corporation								
Street Address:	5300 California Avenue								
City:	Irvine								
State/Country:	CALIFORNIA								
Postal Code:	92617-3038								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13725699</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13725699				
Property Type	Number								
Application Number:	13725699								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	A05.01840001								
NAME OF SUBMITTER:	Jeffrey S. Weaver								
<p>Total Attachments: 6</p> <p>source=A05.01840001 Executed Assignment#page1.tif</p> <p>source=A05.01840001 Executed Assignment#page2.tif</p> <p>source=A05.01840001 Executed Assignment#page3.tif</p> <p>source=A05.01840001 Executed Assignment#page4.tif</p> <p>source=A05.01840001 Executed Assignment#page5.tif</p> <p>source=A05.01840001 Executed Assignment#page6.tif</p>									

OP \$40.00 13725699

ASSIGNMENT

In consideration of the sum of one dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventors: Milind S. Bhagavat, Sampath Komarapalayam Velayudham Karikalan and Rezaur Rahman Khan 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 INTEGRATION OF CHIPS AND SILICON-BASED TRENCH CAPACITORS USING LOW PARASITIC SILICON-LEVEL CONNECTIONS for which application(s) for patent in the United States of America has a filing date or a 371(c) date of December 21, 2012, (also known as United States Application No. 13/725,699) (Attorney Docket No. A05.01840001), 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)

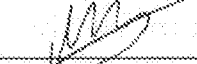
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The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

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: 12/20/2012 Signature of Inventor: 
 Milind S. Bhagavat

Date: _____ Signature of Inventor: _____
 Sampath Komarapalayam Velayudham Karikalan

Date: _____ Signature of Inventor: _____
 Rezaur Rahman Khan

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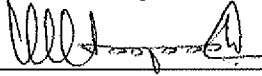
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Date: _____	Signature of Inventor: _____ Milind S. Bhagavat
Date: <u>Dec 21, 2012</u>	Signature of Inventor:  Sampath Komarapalayam Velayudham Karikalan
Date: _____	Signature of Inventor: _____ Rezaur Rahman Khan

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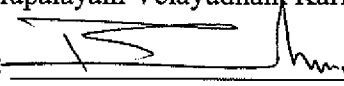
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