

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the application number previously recorded on Reel 029299 Frame 0798. Assignor(s) hereby confirms the application number is 13673714.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rajesh Mamidwar</td> <td>10/26/2012</td> </tr> <tr> <td>Xuemin Chen</td> <td>11/05/2012</td> </tr> <tr> <td>Victor Hou</td> <td>10/31/2012</td> </tr> <tr> <td>Guangcai Zhou</td> <td>11/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Rajesh Mamidwar	10/26/2012	Xuemin Chen	11/05/2012	Victor Hou	10/31/2012	Guangcai Zhou	11/05/2012
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Rajesh Mamidwar	10/26/2012										
Xuemin Chen	11/05/2012										
Victor Hou	10/31/2012										
Guangcai Zhou	11/05/2012										
RECEIVING PARTY DATA											
Name:	Broadcom Corporation										
Street Address:	5300 California Avenue										
City:	Irvine										
State/Country:	CALIFORNIA										
Postal Code:	92617										
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>13673714</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13673714						
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Application Number:	13673714										
CORRESPONDENCE DATA											
Fax Number:	7349946331										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	skean@brinkshofer.com										
Correspondent Name:	Brinks Hofer Gilson & Lione										
Address Line 1:	P.O. Box 10395										
Address Line 4:	Chicago, ILLINOIS 60610										
ATTORNEY DOCKET NUMBER:	14528.00558										
NAME OF SUBMITTER:	Robert K. Fergan										
Total Attachments: 5											

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## ASSIGNMENT

THIS ASSIGNMENT, by Rajesh MAMIDWAR, residing at 15246 Falcon Crest Ct., San Diego, CA 92127, Xuemin CHEN, residing at PMB 65, P.O. Box 5000, Rancho Santa Fe, CA 92067-5000, Victor HOU, residing at 8619 Via Mallorca, Unit #F, La Jolla, CA 92037, Guangcai ZHOU, residing at 29403 Promontory Place, Agoura Hills, CA 91301 (the "Assignors"), witnesseth:

WHEREAS, Assignors have made the invention(s) described in the United States patent application under the attorney docket number noted above, titled:

### CHANNEL BONDING SYNCHRONIZATION

filed on November 9, 2012 and assigned Serial No. 13/673,714; and  
Serial No. 61/663,878 filed June 25, 2012 and Serial No. 61/609,339 filed March 11, 2012

WHEREAS, Broadcom Corporation, a corporation formed under the laws of California, whose mailing address is 5300 California Avenue, Irvine, CA 92617 (the "Assignee"), desires to acquire the entire right, title and interest in and to said inventions, said applications for Letters Patent, all corresponding patent applications, and in and to any Letters Patent or Patents obtained therefore or thereon in the United States or in any other country;

NOW, THEREFORE, for One Dollar (\$1.00) and other good, bargained-for, valuable and legally sufficient consideration for each Assignor, the receipt of which is hereby acknowledged by all Assignors, said Assignors have sold, assigned, transferred and set over, and as demonstrated by this Assignment do sell, assign, transfer and set over unto said Assignee: (1) the entire right, title and interest in and to the above-noted inventions, application(s) for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor or thereon, and in and to any and all divisions, continuations, continuations-in-part of any such application, provisional applications, and non-provisional applications that claim the benefit of the above-noted application(s), and reissues, reexaminations, renewals and extensions of said Letters Patent or Patents, as well as utility model applications, design applications, and all other forms of intellectual property protection based on or taking the benefit of the above-noted application(s); (2) the full right to claim for any such applications all benefits and priority rights under any applicable convention, treaty or legislation; and (3) the right of Assignors to sue and obtain relief, including damages, profits and an injunction, for any infringement occurring before or after issuance of said Letters Patent or Patents, the same to be held and enjoyed for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors had this Assignment not been made.

For the above-recited consideration, each of said Assignors hereby covenants, warrants and agrees that, at the time of execution and delivery of this Assignment, (s)he is a lawful owner of the entire right, title and interest in and to said inventions and the applications for Letters Patent above-mentioned, and that the same are unencumbered and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

For the above-recited consideration, each of said Assignors hereby covenants and agrees to execute and deliver to the Assignee, its successors, legal representatives or assigns, all papers and documents that may be required to carry out the terms of this Assignment, and take all lawful oaths, provide testimony, and do all lawful acts necessary or required to be done to

reasonably assist said Assignee, its successors, legal representatives or assigns in any interference, litigation or other proceeding in any country concerning or in connection with any inventions, patent applications, Letters Patent or Patents assigned hereunder; or for the prosecution, procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions and patent applications, or to carry out the terms of this Assignment, or vest in the Assignee, its successors and assigns, exclusive title in and to all inventions, patent applications, Letters Patent or Patents assigned hereunder, without further compensation from said Assignee, its successors, legal representatives or assigns, except for reasonable costs and expenses of the Assignor incident to such assistance and approved in writing by said Assignee, its successors, legal representatives or assigns before any such costs or expenses are incurred.

Each Assignor grants Assignee a limited power of attorney to execute, or have executed, for or on behalf of that Assignor, whatever papers are required to file or prosecute patent applications and obtain U.S. and foreign patent rights for the invention(s) assigned herein, with the understanding and agreement that the exercise of this limited power of attorney by Assignee or its attorneys or representatives gives no Assignor any rights with respect to anything assigned hereunder, nor establishes any attorney-client relationship between any Assignor and Assignee or between any Assignor and any attorney working on behalf of Assignee. Each Assignor also agrees that there is no actual or implied attorney-client relationship between Assignor and any attorney working on behalf of Assignee, its affiliates, subsidiaries or parent companies, by virtue of the preparation and prosecution of any U.S. or foreign applications for patents hereunder, any employment or consulting relationship between that Assignor and Assignee or any other company, or by virtue of this Assignment or any term thereof. Each Assignor hereby authorizes and requests the attorneys for Assignee to enter the patent application serial number and filing date information into this Assignment document, when that information is known.

Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent or Patents of the United States to Broadcom Corporation as the Assignee of said inventions, patent applications, the Letters Patent or Patents to be issued thereon for the sole use of Broadcom Corporation, its successors and assigns in accordance with the terms of this Assignment

IN TESTIMONY WHEREOF, the Assignors have executed this Assignment.

10/26/12  
Date

*Rajesh Mamidwar*  
RAJESH MAMIDWAR

\_\_\_\_\_  
Date

\_\_\_\_\_  
XUEMIN CHEN

\_\_\_\_\_  
Date

\_\_\_\_\_  
VICTOR HOU

\_\_\_\_\_  
Date

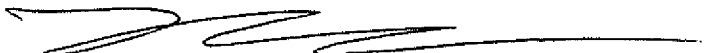
\_\_\_\_\_  
GUANGCAI ZHOU

reasonably assist said Assignee, its successors, legal representatives or assigns in any interference, litigation or other proceeding in any country concerning or in connection with any inventions, patent applications, Letters Patent or Patents assigned hereunder; or for the prosecution, procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions and patent applications, or to carry out the terms of this Assignment, or vest in the Assignee, its successors and assigns, exclusive title in and to all inventions, patent applications, Letters Patent or Patents assigned hereunder, without further compensation from said Assignee, its successors, legal representatives or assigns, except for reasonable costs and expenses of the Assignor incident to such assistance and approved in writing by said Assignee, its successors, legal representatives or assigns before any such costs or expenses are incurred.

Each Assignor grants Assignee a limited power of attorney to execute, or have executed, for or on behalf of that Assignor, whatever papers are required to file or prosecute patent applications and obtain U.S. and foreign patent rights for the invention(s) assigned herein, with the understanding and agreement that the exercise of this limited power of attorney by Assignee or its attorneys or representatives gives no Assignor any rights with respect to anything assigned hereunder, nor establishes any attorney-client relationship between any Assignor and Assignee or between any Assignor and any attorney working on behalf of Assignee. Each Assignor also agrees that there is no actual or implied attorney-client relationship between Assignor and any attorney working on behalf of Assignee, its affiliates, subsidiaries or parent companies, by virtue of the preparation and prosecution of any U.S. or foreign applications for patents hereunder, any employment or consulting relationship between that Assignor and Assignee or any other company, or by virtue of this Assignment or any term thereof. Each Assignor hereby authorizes and requests the attorneys for Assignee to enter the patent application serial number and filing date information into this Assignment document, when that information is known.

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IN TESTIMONY WHEREOF, the Assignors have executed this Assignment.

Date	RAJESH MAMIDWAR
<i>Nov. 5, 2012</i>	
Date	XUEMIN CHEN
Date	VICTOR HOU
Date	GUANGCAI ZHOU

Attorney Docket Number: 14528.00558

reasonably assist said Assignee, its successors, legal representatives or assigns in any interference, litigation or other proceeding in any country concerning or in connection with any inventions, patent applications, Letters Patent or Patents assigned hereunder; or for the prosecution, procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions and patent applications, or to carry out the terms of this Assignment, or vest in the Assignee, its successors and assigns, exclusive title in and to all inventions, patent applications, Letters Patent or Patents assigned hereunder, without further compensation from said Assignee, its successors, legal representatives or assigns, except for reasonable costs and expenses of the Assignor incident to such assistance and approved in writing by said Assignee, its successors, legal representatives or assigns before any such costs or expenses are incurred.

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Date	XUEMIN CHEN
Date	<i>Victor Hou</i>
Date	VICTOR HOU
Date	GUANGCAI ZHOU

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