

PATENT ASSIGNMENT COVER SHEET

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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>RAJESH SHANKARRAO MAMIDWAR</td> <td>12/16/2013</td> </tr> <tr> <td>ANAND TONGLE</td> <td>12/16/2013</td> </tr> <tr> <td>ENG CHOON OOI</td> <td>12/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	RAJESH SHANKARRAO MAMIDWAR	12/16/2013	ANAND TONGLE	12/16/2013	ENG CHOON OOI	12/17/2013
Name	Execution Date								
RAJESH SHANKARRAO MAMIDWAR	12/16/2013								
ANAND TONGLE	12/16/2013								
ENG CHOON OOI	12/17/2013								
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>14147438</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14147438				
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Application Number:	14147438								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	MARK J. ITRI, REG. NO. 36,171								
Signature:	/Mark J. Itri/								

Date:

01/06/2014

Total Attachments: 3

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ASSIGNMENT

WHEREAS we, Rajesh Shankarrao MAMIDWAR of 15246 Falcon Crest Court, San Diego, California 92127; Anand TONGLE of 16340 West Bernardo Drive, San Diego, California 92127; and Eng Choon OOI of 23 Rosewood Drive, #12-11 Casablanca, Singapore 737918; have made a certain new and useful invention as set forth in an application for United States Patent, entitled RECOVERING CHANNEL BONDED PROGRAM STREAMS, which was filed on January 3, 2014, and identified by United States Patent Application No. 14/147,438, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and the application number of said application when known;

AND WHEREAS, BROADCOM CORPORATION, a corporation of California and having an address of 5300 California Avenue, Irvine, California 92617, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

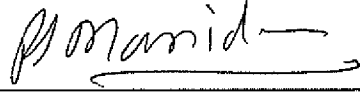
NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Broadcom Corporation, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any non-provisionals, continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, non-provisional, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;


Docket No.: 090850-0471

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Broadcom Corporation, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

12/16/13
Date


Rajesh Shankarrao MAMIDWAR

12/16/2013
Date


Anand TONGLE

Date

Eng Choon OOI

Docket No.: 090850-0471

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Date

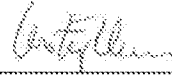
Rajesh Shankarrao MAMIDWAR

Date

Anand TONGLE

17/DEC/2013

Date



Eng Choon OOI