

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>Peiqing WANG</td> <td>08/14/2013</td> </tr> <tr> <td>Linghsiao WANG</td> <td>08/20/2013</td> </tr> <tr> <td>Mehmet Vakif TAZEBAY</td> <td>08/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Peiqing WANG	08/14/2013	Linghsiao WANG	08/20/2013	Mehmet Vakif TAZEBAY	08/14/2013
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Peiqing WANG	08/14/2013								
Linghsiao WANG	08/20/2013								
Mehmet Vakif TAZEBAY	08/14/2013								
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>13963962</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13963962				
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Application Number:	13963962								
CORRESPONDENCE DATA									
Fax Number:	9498519348								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 1:	McDermott Will & Emery LLP								
Address Line 2:	4 Park Plaza, Suite 1700								
Address Line 4:	Irvine, CALIFORNIA 92614								
ATTORNEY DOCKET NUMBER:	090850-0327								
NAME OF SUBMITTER:	Andrew D. Mickelsen, Reg. No. 50,957								
Signature:	/Andrew D. Mickelsen/								

Date:

08/22/2013

Total Attachments: 2

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Docket No.: 090850-0327

ASSIGNMENT

WHEREAS we, Peiqing WANG of 1340 La Mirada Street, Laguna Beach, California 92651; Lingshiao WANG of 10 Miners Trail, Irvine, California 92620; and Mehmet Vakif TAZEBAY of 8 Bayside, Irvine, California 92614, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SYSTEMS AND METHODS FOR IMPLEMENTING ENERGY-EFFICIENT ETHERNET COMMUNICATIONS, which was filed on August 9, 2013, and identified by United States Patent Application No. 13/963,962;

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 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;

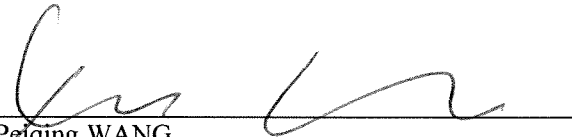
UPON SAID CONSIDERATIONS, we hereby agree with said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional 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, 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;

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.

08/14/2013

Date

Peiqing WANG



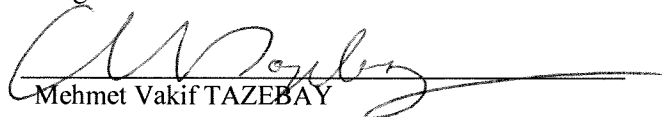
Date

Lingshiao WANG

08/14/2013

Date

Mehmet Vakif TAZEBAY



Docket No.: 090850-0327

ASSIGNMENT

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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 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, 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;

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.

Date

8/20/2013

Date

Peiqing WANG



Lingshiao WANG

Date

Mehmet Vakif TAZEBAY