

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Wael William Diab</td> <td>10/16/2009</td> </tr> <tr> <td>Bruce Currivan</td> <td>10/20/2009</td> </tr> <tr> <td>Jeyhan Karaoguz</td> <td>11/10/2009</td> </tr> <tr> <td>Yongbum Kim</td> <td>10/28/2009</td> </tr> <tr> <td>Kenneth Ma</td> <td>10/30/2009</td> </tr> <tr> <td>Michael Johas Teener</td> <td>10/19/2009</td> </tr> </tbody> </table>		Name	Execution Date	Wael William Diab	10/16/2009	Bruce Currivan	10/20/2009	Jeyhan Karaoguz	11/10/2009	Yongbum Kim	10/28/2009	Kenneth Ma	10/30/2009	Michael Johas Teener	10/19/2009
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RECEIVING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Broadcom Corporation</td> </tr> <tr> <td>Street Address:</td> <td>5300 California Avenue</td> </tr> <tr> <td>City:</td> <td>Irvine</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92617</td> </tr> </table>		Name:	Broadcom Corporation	Street Address:	5300 California Avenue	City:	Irvine	State/Country:	CALIFORNIA	Postal Code:	92617				
Name:	Broadcom Corporation														
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CORRESPONDENCE DATA															
<p>Fax Number: (312)775-8100</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-775-8000</p> <p>Email: mhmpo@mcandrews-ip.com</p> <p>Correspondent Name: McAndrews, Held & Malloy, Ltd.</p> <p>Address Line 1: 500 W. Madison St., 34th Fl.</p> <p>Address Line 4: Chicago, ILLINOIS 60661</p>															
ATTORNEY DOCKET NUMBER:	20388US02														
NAME OF SUBMITTER:	Chad M. Gilles														

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PATENT
REEL: 023634 FRAME: 0514

Total Attachments: 8

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ASSIGNMENT**Docket:** 20388US02**Serial No:** 12/616,603**Inventors:** Wael William Diab
Bruce Currivan
Jeyhan Karaoguz
Yongbum Kim
Kenneth Ma
Michael Johas Teener**Filed:** November 11, 2009

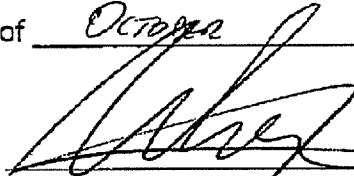
In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assigns to Broadcom Corporation, incorporated under the laws of the state of California, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: "METHOD AND SYSTEM FOR NETWORK COMMUNICATIONS UTILIZING SHARED SCALABLE RESOURCES" and identified as File No.20388US02, in the offices of McANDREWS, HELD & MALLOY, LTD., and in a provisional application filed in the United States Patent and Trademark Office as Serial No. 61/228,371 on July 24, 2009, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, re-examination, reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee. Each of the undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known. Each of the undersigned warrants himself/herself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

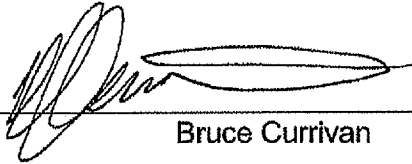
For said considerations, each of the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional, re-examination, extension, and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue, re-examination, or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors

or assigns may deem necessary or expedient, and for the said considerations each of the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand this 16th day of October, 2009.


Wael William Diab

WITNESS my hand this 20th day of October, 2009



Bruce Currivan

WTNESS my hand this 10th day of November, 2009



Jeyhan Karaoguz

WTNESS my hand this 28th day of October, 2009

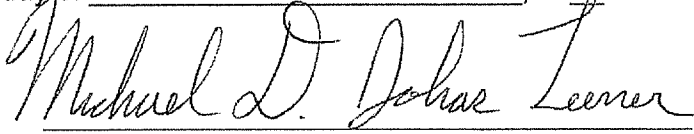

Yongbum Kim

WTNESS my hand this 30th day of OCTOBER, 2009



Kenneth Ma

WTNESS my hand this 19th day of October, 2009



Michael Johas Teener