

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>Jun CAO</td><td>08/02/2010</td></tr><tr><td>Afshin MOMTAZ</td><td>08/02/2010</td></tr><tr><td>Chung-Jue CHEN</td><td>08/12/2010</td></tr><tr><td>Kang XIAO</td><td>08/12/2010</td></tr><tr><td>Vivek TELANG</td><td>08/13/2010</td></tr><tr><td>Ali GHIASI</td><td>08/18/2010</td></tr></tbody></table>		Name	Execution Date	Jun CAO	08/02/2010	Afshin MOMTAZ	08/02/2010	Chung-Jue CHEN	08/12/2010	Kang XIAO	08/12/2010	Vivek TELANG	08/13/2010	Ali GHIASI	08/18/2010
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RECEIVING PARTY DATA															
<table border="1"><tr><td>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				
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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>12860596</td></tr></tbody></table>		Property Type	Number	Application Number:	12860596										
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Application Number:	12860596														
CORRESPONDENCE DATA															
Fax Number: (202)371-2540 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	2875.3920001														
NAME OF SUBMITTER:	Jason D. Eisenberg														

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PATENT
REEL: 024867 FRAME: 0664

Total Attachments: 11

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: **Jun CAO, Afshin MONTAZ, Chung-Jue CHEN, Kang XIAO, Vivek TELANG and Ali GHIASI**, hereby sell and assign to **Broadcom Corporation**, a corporation formed under the laws of Delaware, whose mailing address is 5300 California Avenue, Irvine, California 92617 (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 **Multi-Channel Multi-Protocol Transceiver With Independent Channel Configuration Using Single Frequency Reference Clock Source** for which application(s) for patent in the United States of America has a filing date or a 371(c) date of _____ (also known as United States Application No. *To Be Assigned*)(Attorney Docket No. 2875.3920001), in any and all applications thereon, in any and all Letters Patent(s) therefor, 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 therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents 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 and industrial property protection derivable from such patent application, and that are derivable from any and all continuing 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 therefor; 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) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

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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 49579** 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.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with **CUSTOMER NUMBER 49579** are the legal representatives of, and attorneys for, the assignee, and are NOT the legal representatives of, and attorneys for, the inventors.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: 08/02/2010

Signature of Inventor: _____

Jun CAO

Date: 8/2/2010

Signature of Inventor: _____

Afshin MOMTAZ

Date: _____

Signature of Inventor: _____

Chung-Jue CHEN

Date: _____

Signature of Inventor: _____

Kang XIAO

Date: _____

Signature of Inventor: _____

Vivek TELANG

Date: _____

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Ali GHIASI

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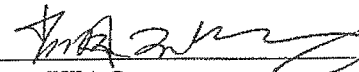
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Date: _____ Signature of Inventor: _____
Jun CAO

Date: _____ Signature of Inventor: _____
Afshin MOMTAZ

Date: 8/12/2010 Signature of Inventor: 
Chung-Jue CHEN

Date: 8/12/2010 Signature of Inventor: 
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Date: _____ Signature of Inventor: _____
Vivek TELANG

Date: _____ Signature of Inventor: _____
Ali GHIASI

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Date: _____ Signature of Inventor: _____
Afshin MOMTAZ

Date: _____ Signature of Inventor: _____
Chung-Jue CHEN

Date: _____ Signature of Inventor: _____
Kang XIAO

Date: AUGUST 13, 2010 Signature of Inventor: Vivek Telang
Vivek TELANG

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Ali GHIASI

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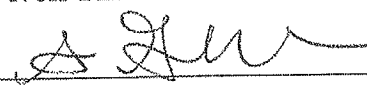
Date: _____ Signature of Inventor: _____
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