

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>Tao Wang</td> <td>12/20/2012</td> </tr> <tr> <td>Chun-Ying Chen</td> <td>12/20/2012</td> </tr> <tr> <td>Jiangfeng Wu</td> <td>01/03/2013</td> </tr> </tbody> </table>		Name	Execution Date	Tao Wang	12/20/2012	Chun-Ying Chen	12/20/2012	Jiangfeng Wu	01/03/2013
Name	Execution Date								
Tao Wang	12/20/2012								
Chun-Ying Chen	12/20/2012								
Jiangfeng Wu	01/03/2013								
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>13738557</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13738557				
Property Type	Number								
Application Number:	13738557								
CORRESPONDENCE DATA									
Fax Number:	8013557901								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 4:	Salt Lake City, UTAH 84101-2194								
ATTORNEY DOCKET NUMBER:	14528.00602								
NAME OF SUBMITTER:	Nathan O. Greene								
Total Attachments: 2 source=20130110_14528-602_Assignment#page1.tif source=20130110_14528-602_Assignment#page2.tif									

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PATENT

ASSIGNMENT

THIS ASSIGNMENT, by **Tao Wang**, residing at **655 Baker Street, K110, Costa Mesa, California 92626, US**; **Chun-Ying Chen**, residing at **15 Ashford, Irvine, California 92618, US**; and **Jiangfeng Wu**, residing at **5 Appleton, Irvine, California 92602, US**; (the "Assignors"), witnesseth:

WHEREAS, Assignors have made the invention(s) described in the United States Provisional Patent Application No. 61/738,666, under the attorney docket number 14528.00601, filed on December 18, 2012, titled **PIPELINED ANALOG-TO-DIGITAL CONVERTER WITH DEDICATED CLOCK CYCLE FOR QUANTIZATION**, and United States Patent Application under the attorney docket number 14528.00602, titled:

PIPELINED ANALOG-TO-DIGITAL CONVERTER WITH DEDICATED CLOCK CYCLE FOR QUANTIZATION

filed on January 10, 2013, and assigned Serial No. 13/738,557; and

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.



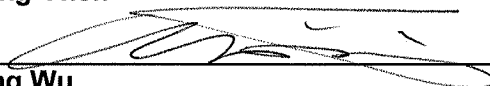
For the above-recited consideration, each of said Assignors hereby covenants, warrants and agrees that, at the time of execution and delivery of this Assignment, (s)he is a lawful owner of the entire right, title and interest in and to said inventions and the applications for Letters Patent above-mentioned, 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.

<u>12/20/2012</u> Date	 _____ Tao Wang
<u>12/20/2012</u> Date	 _____ Chun-Ying Chen
<u>01/02/2013</u> Date	 _____ Jiangfeng Wu