

## 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>Ali Afsahi</td> <td>06/26/2012</td> </tr> <tr> <td>Utku Seckin</td> <td>06/26/2012</td> </tr> <tr> <td>Colin Fraser</td> <td>06/26/2012</td> </tr> <tr> <td>Navid Lashkarian</td> <td>06/28/2012</td> </tr> <tr> <td>Konrad Kratochwil</td> <td>06/28/2012</td> </tr> <tr> <td>Arya Reza Behzad</td> <td>06/29/2012</td> </tr> <tr> <td>Dengwei Fu</td> <td>06/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ali Afsahi	06/26/2012	Utku Seckin	06/26/2012	Colin Fraser	06/26/2012	Navid Lashkarian	06/28/2012	Konrad Kratochwil	06/28/2012	Arya Reza Behzad	06/29/2012	Dengwei Fu	06/22/2012
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<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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CORRESPONDENCE DATA																	
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Address Line 4:	AUSTIN, TEXAS 78716-0727																
ATTORNEY DOCKET NUMBER:	BP24334																

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NAME OF SUBMITTER:

Debbie Watson

**Total Attachments: 8**

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Utility Patent Appl. Serial No.: 13/539,175Utility Patent Appl. Filing Date: June 29, 2012

Patent No.: \_\_\_\_\_

Patent Issue Date: \_\_\_\_\_

Country: \_\_\_\_\_

**ASSIGNMENT**

**WHEREAS**, the undersigned inventor(s), hereinafter called the "Assignors", have invented a new and useful invention entitled:

**CALIBRATION OF COMMUNICATION PROCESSING PATH**

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith or that was filed with the United States Patent and Trademark Office on the 29th day of June, 2012. The Assignors believe himself/herself/themselves to be the original inventor(s) of the invention disclosed and claimed in the application for Letters Patent.

**WHEREAS**, The entity identified immediately below having a principal office and place of business as identified, hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

**Broadcom Corporation**, a California Corporation  
5300 California Avenue  
Irvine, CA 92617

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN**, be it known that for valuable legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, any and all provisional patent applications from which the application claims priority, and all Letters Patents that may issue for the said invention, and all division, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

**FURTHER**, be it known that the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the Assignee in the prosecution of the application herein

Docket No. BP24339

identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of the United States Patent and Trademark Office is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

**IN TESTIMONY WHEREOF**, the Assignors have hereunto set their hands on the date indicated below. The undersigned hereby authorizes and requests the attorneys and/or agents of record in the application above identified, and in, to and under Letters Patent which may be obtained for said invention, to insert in this assignment the filing date and serial number of said application (and/or issue date and patent number of said corresponding Letters Patent) when officially known, if applicable.

**Inventor(s):**

<u>Ali Afsahi</u>	<u>6/26/12</u>	<u>Utku Seekin</u>	<u>        </u>
Ali Afsahi	Date	Utku Seekin	Date
<u>Colin Fraser</u>	<u>        </u>	<u>Navid Lashkarian</u>	<u>        </u>
Colin Fraser	Date	Navid Lashkarian	Date
<u>Konrad Kratochwil</u>	<u>        </u>	<u>Arya Reza Behzad</u>	<u>        </u>
Konrad Kratochwil	Date	Arya Reza Behzad	Date
<u>Dengwei Fu</u>	<u>        </u>	<u>        </u>	<u>        </u>
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_____ Konrad Kratochwil	_____ Date	_____ Navid Lashkarian	_____ Date
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_____ Colin Fraser	_____ Date	<u>Navid Lashkarian</u> Navid Lashkarian	<u>7/28/2012</u> Date
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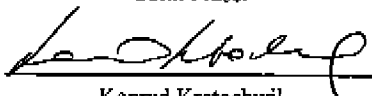
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Ali Afsahi	Date	Ulku Seekin	Date
<u>Colin Fraser</u>	<u>                    </u>	<u>Navid Lashkarian</u>	<u>                    </u>
Colin Fraser	Date	Navid Lashkarian	Date
<u>Konrad Kratochwil</u>	<u>                    </u>	<u>Arya Reza Behzad</u>	<u>8/29/12</u>
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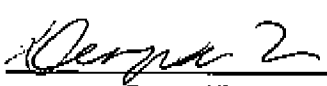
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