

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Alexander MacInnis</td> <td>10/26/2012</td> </tr> <tr> <td>Hongtao Zhu</td> <td>10/26/2012</td> </tr> <tr> <td>Jason Herrick</td> <td>10/26/2012</td> </tr> <tr> <td>Brian Schoner</td> <td>10/29/2012</td> </tr> <tr> <td>Junlin Li</td> <td>10/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alexander MacInnis	10/26/2012	Hongtao Zhu	10/26/2012	Jason Herrick	10/26/2012	Brian Schoner	10/29/2012	Junlin Li	10/26/2012
Name	Execution Date												
Alexander MacInnis	10/26/2012												
Hongtao Zhu	10/26/2012												
Jason Herrick	10/26/2012												
Brian Schoner	10/29/2012												
Junlin Li	10/26/2012												
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>13663651</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13663651								
Property Type	Number												
Application Number:	13663651												
CORRESPONDENCE DATA													
Fax Number:	7709510933												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	7709339500												
Email:	maddie.weller@thomashorstemeyer.com												
Correspondent Name:	Scott A. Horstemeyer												
Address Line 1:	400 Interstate North Parkway												
Address Line 2:	Suite 1500												
Address Line 4:	Atlanta, GEORGIA 30339												
ATTORNEY DOCKET NUMBER:	50229-4260												
NAME OF SUBMITTER:	Scott A. Horstemeyer												

OP \$40.00 13663651

**Total Attachments: 7**

source=01741922#page1.tif

source=01741922#page2.tif

source=01741922#page3.tif

source=01741922#page4.tif

source=01741922#page5.tif

source=01741922#page6.tif

source=01741922#page7.tif

**ASSIGNMENT  
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Alexander MacInnis	285 Hawthorne Ave. Los Altos, CA 94022
Hongtao Zhu	3208 Corbal Ct. San Jose, CA 95148
Jason Herrick	8 Twelve Oaks Dr. Pleasanton, CA 94588
Brian Schoner	4771 Mayfield Fremont, CA 94536
Junlin Li	1432 Birchmeadow Ln San Jose, CA 95131

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**PARALLEL TRANSCODING**

which was:

- executed on even date herewith,
- filed with the United States Patent and Trademark Office (USPTO) on October 30, 2012, and assigned Serial No. 13/663,651, and
- further described in U.S. Provisional application entitled \_\_\_\_\_, filed with the USPTO on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_.

WHEREAS, **BROADCOM CORPORATION** having a place of business at 5300 California Avenue, Irvine, California 92617-3038, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby

acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said Provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said Inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said Inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

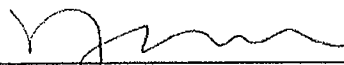
TKHR Docket No.: 50229-4260  
Broadcom No.: BU30676  
Page 3 of 7  
(Patent Assignment)



Alexander MacInnis

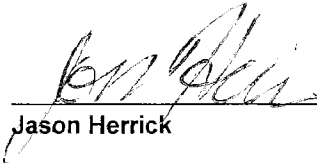
Date: 10/26/12

TKHR Docket No.: 50229-4260  
Broadcom No.: BU30676  
Page 4 of 7  
(Patent Assignment)

  
\_\_\_\_\_  
Hongtao Zhu

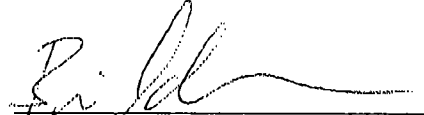
Date: 10/26/2012

TKHR Docket No.: 50229-4260  
Broadcom No.: BU30676  
Page 5 of 7  
(Patent Assignment)

  
\_\_\_\_\_  
Jason Herrick

Date: 10/26/2012

TKHR Docket No.: 50229-4260  
Broadcom No.: BU30676  
Page 6 of 7  
(Patent Assignment)

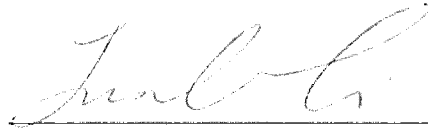


---

Brian Schoner

Date: October 29<sup>th</sup>, 2012





Junlin Li

Date: 10/26/2012