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PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Li Dandan

Additional name of conveying party(ies) attached? ☐ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) December 26, 2006

- ☐ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☒ Other Corrective Recordation Form for Reel 019041 and Frame 0001

2. Name and address of receiving party(ies)

Name: Broadcom Corporation

Internal Address: _____

Street Address: 16215 Alton Parkway

City: Irvine

State: CA

Country: USA

Zip: 92618-3616

Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application number(s) or patent number(s):**A. Patent Application No.(s)
11/618,718☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: McAndrews, Held & Malloy

Internal Address: _____

Street Address: 500 West Madison Street

34th Floor

City: Chicago

State: IL Zip: 60661

Phone Number: (312) 775-8000

Fax Number: (312) 775-8100

Email Address: mhmpmto@mcandrews.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card
- ☒ Authorized to be charged to deposit account
- ☐ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 13-0017

Authorized User Name McAndrews Held & Malloy, Ltd.

9. Signature :

Signature

Ognyan I. Beremski Reg. No. 51,458
including cover

8-14-07

Date

Total number of pages

Name of Person Signing

sheet, attachments, and documents

13

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450**PATENT****REEL: 019691 FRAME: 0357****700337841**

CH \$40.00 130017 11618718

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

03/21/2007
500243095

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dandan Li	12/29/2006
RECEIVING PARTY DATA	
Name:	Broadcom Corporation
Street Address:	16215 Alton Parkway
City:	Irvine
State/Country:	CALIFORNIA
Postal Code:	92618-3616
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11618718
CORRESPONDENCE DATA	
Fax Number:	(312)775-8100
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	312-775-8000
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Correspondent Name:	McAndrews Held & Malloy, Ltd.
Address Line 1:	500 West Madison Street
Address Line 4:	chicago, ILLINOIS 60661
ATTORNEY DOCKET NUMBER:	18140US02
NAME OF SUBMITTER:	Ognyan I. Beremski
Total Attachments: 3 source=18140US02_Assignment#page1.tif source=18140US02_Assignment#page2.tif source=18140US02_Assignment#page3.tif	

PATENT

REEL: 019691 FRAME: 0358

CH \$40.00 11618718



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PATENT ASSIGNMENT

Electronic Version v1.1
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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>Dandan Li</td><td>12/29/2006</td></tr></tbody></table>	Name	Execution Date	Dandan Li	12/29/2006							
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Dandan Li	12/29/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Broadcom Corporation</td></tr><tr><td>Street Address:</td><td>16215 Alton Parkway</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>92618-3616</td></tr></table>	Name:	Broadcom Corporation	Street Address:	16215 Alton Parkway	City:	Irvine	State/Country:	CALIFORNIA	Postal Code:	92618-3616	
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Application Number:	11618718										
CORRESPONDENCE DATA											
Fax Number: (312)775-8100 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 312-775-6000											
Email: mhmpato@mhmllaw.com											
Correspondent Name: McAndrews Held & Malloy, Ltd.											
Address Line 1: 500 West Madison Street											
Address Line 4: Chicago, ILLINOIS 60661											

PATENT

ATTORNEY DOCKET NUMBER:	18140US02
NAME OF SUBMITTER:	Ognyan I. Beremski
Signature:	/Ognyan I. Beremski/
Date:	03/21/2007
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PATENT

ASSIGNMENT

File No.: 18140US02

Serial No.: 11/618,718

Inventors: Dandan Li

Filing Date: December 29, 2006

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 USE OF TSPC LOGIC FOR HIGH-SPEED MULTI-MODULUS DIVIDER IN PLL"** and identified as File No. 18140US02, in the offices of McANDREWS, HELD & MALLOY, LTD., 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.

Attorney Docket No. 18140US02

WITNESS my hand this 29 day of December, 2006.

A handwritten signature in cursive script, appearing to read "Dandan Li", is written over a horizontal line.

Dandan Li