

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)

Docket No. MP1186
U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

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

1. Name of conveying party(ies)/Execution Date(s):

Jingfeng LIU Execution Date: July 9, 2007
Zachary KEIRN Execution Date: July 9, 2007
Bin NI Execution Date: July 10, 2007

Execution Date(s) August 10, 2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Marvell Semiconductor, Inc.

Street Address: 5488 Marvell Lane

City: Santa Clara

State: California

Country: United States Zip: 95054

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s): 11/775,757

B. Patent No.(s)

Title: **TIMING LOOP BASED ON ANALOG TO
DIGITAL CONVERTER OUTPUT AND METHOD OF
USE**

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: John S. Hilten

Internal Address: _____

Street Address: 1750 Tysons Boulevard, Suite 1800

City: McLean

State: VA Zip: 22102

Phone Number: 703.712.5427

Fax Number: 703.712.5240

Email Address: jhilten@mcguirewoods.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

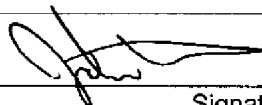
- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
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☐ None required (government interest not affecting title)

8. Payment Information

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b. Deposit Account Number _____
Authorized User Name _____

9. Signature:



Signature

John S. Hilten, Reg. No. 52,518

Name of Person Signing

July 13, 2007

Date

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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OP \$40.00 11775757

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PATENT
REEL: 019558 FRAME: 0985

Docket#: **MP1186****PATENT****ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Jingfeng Liu, Mats Oberg, Zachary Keirn and Bin Ni

who have created a certain invention for which an application for United States Letters Patent was executed by me concurrently herewith and entitled:

**TIMING LOOP BASED ON ANALOG TO DIGITAL CONVERTER OUTPUT
AND METHOD OF USE**

Do hereby sell, assign and transfer to Marvell Semiconductor, Inc., a corporation of California, having a place of business at 5488 Marvell Lane, Santa Clara, CA 95054, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Do hereby further sell, assign and transfer to Marvell Semiconductor, Inc., its successors, assigns, and legal representatives, the full and exclusive right to United States Provisional Patent Application(s) No(s). 60/830,628, filed July 13, 2006, and to any and all inventions described in said provisional patent application(s) for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be entitled to the benefit thereof in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Marvell Semiconductor, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

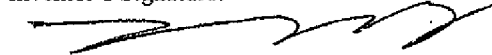
IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.

Full Name of Sole/First Inventor:

Jingfeng Liu

Inventor's Signature:

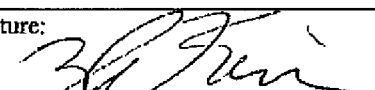
Date: Month/Day/Year



7/9/2007

PATENT**REEL: 019558 FRAME: 0986**

Full Name of Second Inventor, if any:	
Mats Oberg	
Inventor's Signature:	Date: Month/Day/Year


Full Name of Third Inventor, if any:	
Zachary Keirn	
Inventor's Signature:	Date: Month/Day/Year
	7/9/07

Full Name of Fourth Inventor, if any:	
Bin Ni	
Inventor's Signature:	Date: Month/Day/Year

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Full Name of Second Inventor, if any: Mats Oberg	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Third Inventor, if any: Zachary Keirn	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fourth Inventor, if any: Bin Ni	
Inventor's Signature: 	Date: Month/Day/Year 7/10/2007

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