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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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Docket No.: MP0837 (4048/041)

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)

- (1) Rohit Nabar
- (2) Kedar Shirali

2. Name and address of receiving party(ies)

Name: Marvell Semiconductor, Inc.

Internal Address: _____

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) (1) 7/5/2006; (2) 7/5/2006

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

Street Address: 5488 Marvell Lane

City: Santa Clara

State: CA

Country: USA 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)

B. Patent No.(s)

- 1) 60/727,815
- 2) 60/799,922
- 3) Attorney Docket No.
MP0837 (4048/041)

Additional numbers attached? ☐ Yes ☒ NO

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FINANCE SECTION

112960 U.S. PTO
11/483057



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

Name: Customer No. 45510

Internal Address: _____

Street Address: _____

City: _____

State: _____ Zip: _____

Phone Number: _____

Fax Number: _____

Email Address: robert.jackson@ropesgray.com

6. Total number of applications and patents involved: 3

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 Information

a. Credit Card Last 4 Numbers See attached Submission of Credit Card Payment

Expiration

Date

08/31/2006 LMUELLER 00000002 11483057

b. Deposit Account Number 01 FC:8021

Authorized User Name _____

120.00 OP

9. Signature:

Robert R. Jackson
Signature

July 6, 2006

Date

Robert R. Jackson (Reg. No. 26,183)

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

3

ASSIGNMENT

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

**Rohit Nabar, and
Kedar Shirali**

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

**PHASE-ADJUSTED CHANNEL ESTIMATION FOR
FREQUENCY DIVISION MULTIPLEXED CHANNELS**

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 Applications(s) No(s). 60/727,815, filed October 18, 2005, and 60/799,922, filed May 12, 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.

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

Full Name of First Inventor: Rohit Nabar	
Inventor's Signature: <i>R. H. Nabar</i>	Date: Month/Day/Year <i>07/05/2006</i>

Full Name of Second Inventor: Kedar Shirali	
Inventor's Signature: <i>[Signature]</i>	Date: Month/Day/Year <i>07/05/06</i>