

10-30-2007

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ORDINATION

Atty. Docket: MP1412

To the Director, U.S. Patent and

and original documents or copy thereof.

## 1. Name of conveying party(ies):

(1) Jitendra Kumar Swarnkar

(2) Jie Du

(3) Vincent Wong

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

## 2. Name and address of receiving party(ies):

Name: Marvell Semiconductor, Inc.

Foreign Address: \_\_\_\_\_

Domestic Address: 5488 Marvell LaneCity: Santa Clara State CA ZIP 95054Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: October 22, 2007

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application Number: 11/877,410

B. Title of Invention:

BUFFER MANAGEMENT SYSTEM AND METHODFiling Date: October 23, 2007

Additional numbers attached?

☐ Yes☒ No

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

Name: Fitzpatrick, Cella, Harper & Scinto30 Rockefeller PlazaNew York, New York 10112-3800Telephone No.: (212) 218-2100Facsimile No.: (212) 218-2200

## 6. Number of applications and patents involved:

One7. Total fee (37 CFR 3.41): . . \$ 40.00☐ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.*Michael K. O'Neill, Reg. No. 32,622

Name of Person Signing

Signature

October 24, 2007

Date

Total number of pages including cover sheet, attachments, and documents: 3

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Form #121

FCHS\_WS 1648936v1

PATENT  
REEL: 020048 FRAME: 0218

## ASSIGNMENT

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

**Jitendra Kumar Swarnkar, Jie Du, and Vincent Wong**

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

**Buffer Management System and Method**

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 No. 60/863,061, filed October 26, 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

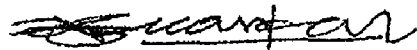
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed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

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

Full Name of Sole/First Inventor:

Jitendra Kumar Swarnkar

Inventor's Signature:



Date: Month/Day/Year

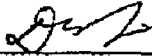
10/22/07

Full Name of Second Inventor, if any:

Inventor's Signature:

Date: Month/Day/Year

Jie Du



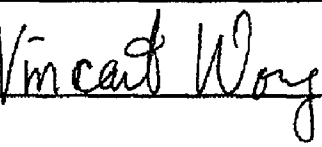
10/22/2007

Full Name of Third Inventor, if any:

Inventor's Signature:

Date: Month/Day/Year

Vincent Wong



10/22/2007

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