11-20-2007

U.S. Department of COMMERCE United States Patent and Trademark Office

U.S. PTO F 11/982937 11/06/2007



103462541

Express Mail Label No. EM 061 814 264 US Marvell Docket No. MP1427

To the Director of the U.S. Patents and Trademark Office: Please	e record the attached documents or the new address(es) below.
Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
Marvell Semiconductor, Inc.	Name: Marvell International Ltd.
	Internal Address:
Execution Date(s) 11/06/2007 Additional name of conveying party(ies) attached? ☐ Yes ☒ No	
3. Nature of conveyance:	Street Address: Argyle House, 41A Cedar Avenue
⊠ Assignment	City: Hamilton
☐ Security Agreement ☐ Change of Name	
☐ Government Interest Assignment	State:
☐ Executive Order 9424, Confirmatory License	Country: Bermuda Zip: Hm12
Execution Date: <u>11/06/2007</u>	Additional Name(s) & address(es) attached? ☐ Yes ☑ No
4. Application number(s) or patent number(s): the execution date of the application is: November 6, 2007.	This document is being filed together with a new application,
A. Patent Application No.(s)	B. Patent No.(s)
Unassigned, filed herewith.	1
11/ 08/2007 HDESTA1 00000013 11982937 26 FC:8021 40.00 UP	11/982937
36 FC:8021 40.00 UP Additional numbers atta	ched? 🗌 Yes 🛛 No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: Michael D. Wiggins	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 (via
Internal Address: Hamess, Dickey & Pierce, P.L.C.	attached credit card authorization) Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: P.O. Box 828	☐ Enclosed
City: Bloomfield Hills	☐ None required (government interest not affecting title)
State: Michigan Zip: 48303	8. The Commissioner is hereby authorized to charge any
Phone Number : 248-641-1600	additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is
Fax Number: 248-641-0270	enclosed.
Email Address: mdwiggins@hdp.com	
9. Signature:	November 6, 2007
Signature Michael D. Wiggins	Date Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents

REEL: 020149 FRAME: 0826

ASSIGNMENT Corporate

Marvell Semiconductor, Inc., a California corporation, having a principal place of business at 5488 Marvell Lane, Santa Clara, CA 95054 (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application(s) identified below (hereafter sometimes called the "Patent Application(s)").

Marvell International Ltd., a corporation of Bermuda, having a place of business at Argyle House, 41A Cedar Avenue, Hamilton, Hm12, Bermuda (hereafter the "Assignee"), desires to acquire all of the rights to the Patent Application(s) and all inventions described and claimed therein or entitled to the benefit thereof.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to the Patent Application(s) identified below, and all inventions described and claimed therein or entitled to the benefit thereof, in any and all Letters Patent therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent to the full end of the term or terms for which such Letters Patent issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this Assignment and sale not been made.

Marvell Semiconductor, Inc. Case No.	U.S.Serial No.	U. S. Filing Date	Title
MP1427	To Be Assigned	Herewith	SCAN TESTING SYSTEM AND METHOD
MP1427PR	60/864,655	Nov. 7, 2006	MULTIPLE SCAN DATA PER SCAN SHIFT CLOCK PERIOD

By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent Application(s) and any continuing, divisional, reissue, reexamination or corresponding application thereof and also to execute separate Assignment in connection with such application as the Assignee may deem necessary or expedient;
- b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Application(s) or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and
- c. to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee on any of the Patent Application(s) and on any continuation, division, reissue or reexamination of any of the Patent Application.

Corporate Assignment MP1427

page 1/2
PATENT TRADEMARK OFFICE

PATENT REEL: 020149 FRAME: 0827 The Assignor hereby covenants that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict therewith.

Marvell Semiconductor, Inc., a California corporation, certifies that it is the Assignee of the entire right, title and interest in the Patent Application(s) identified above by virtue of Assignment from the inventors of the Patent Application(s) identified above. Assignment to be recorded in the Patent and Trademark Office as identified below.

Marvell Semiconductor, Inc. Case No.	U. S. Serial No.	Assignment Execution Date
MP1427	Herewith	November 6, 2007
MP1427PR	60/864,655	November 6, 2007

The undersigned has reviewed the documents in the Patent Application(s) identified above and, to the best of undersigned's knowledge and belief, title is in the Assignor identified above.

The undersigned is empowered to sign this certificate on behalf of the Assignor.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

Ву:	Marvell Semigonductor, Inc.
Title:	Vice President Intellectual Property and General Patent Counsel
Date	11/00/07

Corporate Assignment MP1427

RECORDED: 11/06/2007

page 2/2 PATENT TRADEMARK OFFICE

> PATENT REEL: 020149 FRAME: 0828