Mail Stop:
Assignment Recordation Services
Director of the U.S. Patent
and Trademark Office
P.O. Box 1450

10-24-2008

103531641

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office U.S. PTO 2285993 1708

	Please record the attached original document or copy thereof.			
1.	A. Name of conveying parties:	2. A. Name and address of receiving party:		
	MARVELL SEMICONDUCTOR, INC. B. Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	MARVELL INTERNATIONAL LTD. ARGYLE HOUSE 41A CEDAR AVENUE HAMILTON, HM12 BERMUDA		
3.	A. Nature of conveyance: Assignment	B. Additional name(s) & address(es) attached? ☐ Yes ☑ No		
	B. Execution Date: October 16, 2008			
4.	This document is being filed together with a new application	tion.		
	A. Patent Application No.(s)	B. Patent No.(s)		
	Additional numbers attached?			
<u>RE</u>	C. Title of Application: METHOD AND APPAR ECORDING SYSTEM	ATUS FOR CALIBRATING OPTICAL		
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
	Name: James A. Oliff	 7. A. Total fee (37 CFR 3.41)\$ 40.00 B. Enclosed (Check No. 211116) 		
	Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850	Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9.	Statement and signature. To the best of my knowledge and belief the foregoing informathe original document.	tion is true and correct and any attached copy is a true copy of		

PATENT REEL: 021732 FRAME: 0374

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) US 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.

<u>Marvell</u> <u>Semiconductor, Inc.</u> <u>Case No.</u>	<u>U. S. Serial</u> <u>No.</u>	<u>U.S.Filing</u> <u>Date</u>	<u>Title</u>
MP2243	To Be Assigned	_	METHOD AND APARATUS FOR CALIBRATING OPTICAL RECORDING SYSTEM
MP2243PR	60/981,623	10/23/2007	QUALITY METRIC FOR WOBBLE CHANNEL IN OPTICAL RECORDING

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;

page 1/3 PATENT TRADEMARK OFFICE

> PATENT REEL: 021732 FRAME: 0375

- 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.

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	
MP2243	To Be Assigned	10/14/2008 and 10/16/2008	
MP2243PR	60/981,623	10/14/2008 and 10/16/2008	

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.

page 2/3
PATENT TRADEMARK OFFICE

PATENT REEL: 021732 FRAME: 0376 IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

Marvell Semiconductor, Inc.

By:

Horace Ng

Title: Managing IP Counsel and Director of Patent Procurement

Date: October 16, 2008

page 3/3
PATENT TRADEMARK OFFICE

PATENT REEL: 021732 FRAME: 0377

RECORDED: 10/17/2008