Director of the U.S. Patent and Trademark Office P.O. Box 1450		RECORDATION FORM COVER SHEET PATENTS ONLY U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office						
Ale	xandria, VA 22313-1450		Docket No. <u>MP1104</u> <u>128983</u>					
	Please record the attached document.							
Tota	Total number of pages including cover sheet, attachments, and document:4							
1.	A. Name of conveying parties:		2. A. Name and address of receiving party:					
	MARVELL SEMICONE	OUCTOR, INC.	MARVELL INTERNATIONAL LTD. ARGYLE HOUSE					
	B. Additional name(s) of conveying	g party(ies) attached? ☐ Yes ☑ No	41A CEDAR AVENUE HAMILTON HM12					
3.	A. Nature of conveyance:		BERMUDA					
٠.	Assignment □	Merger						
	Security Agreement	Change of Name	B. Additional name(s) & address(es) attached? □Yes ☑ No					
	Other							
	B. Execution Date: May 9, 2007							
4.	A. Patent Application No. 11/74	16,371	B. Patent No.(s)					
		Additional numbers attack	ched? ☐ Yes ☒ No					
	C. Title of Application: IMPROVED OFFSET LOOP FOR WOBBLE							
5.	Name and address of party to whom concerning document should be maile		6. Total number of applications and patents involved: 1					
	Name: James A. Oliff		7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.					
	Address: OLIFF & BERRIDGE, PI P.O. Box 19928 Alexandria, VA 223 Phone Number: 703-836- Fax Number: 703-836-	20 i-6400	Credit any overpayment or charge any underpayment to deposit account number 15-0461.					
9.	9. Statement and signature. To the tiest of my knowledge and tiellef, the foregoing information is true and correct and any attached copy is a true copy of the original document.							
	James A. Oliff, Registration No. 27,0 Daniel A. Tanner, III, Registration N		Date: <u>May 9, 2007</u>					

PATENT REEL: 019273 FRAME: 0133

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 abovenamed 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	<u>Title</u>
MP1104	To Be Assigned	Herewith	IMPROVED OFFSET LOOP FOR WOBBLE
MP1104PR	60/799,586	05/11/2006	OFFSET LOOP FOR WOBBLE

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

page 1/3
PATENT TRADEMARK OFFICE

PATENT REEL: 019273 FRAME: 0134 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. <u>Case No.</u>	U. S. Serial No.	Assignment Execution Date	
MP1104	To Be Assigned	May 8, 2007 and May 9, 2007	
MP1104PR	60/799,586	May 8, 2007 and May 9, 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.

page 2/3
PATENT TRADEMARK OFFICE

PATENT REEL: 019273 FRAME: 0135 IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

Marvell Semiconductor, Inc.

By:

Title: Vice President Intellectual Property and General Patent Counsel

Date May 9, 2007

page 3/3
PATENT TRADEMARK OFFICE

PATENT REEL: 019273 FRAME: 0136

RECORDED: 05/09/2007