Form P	TO-1595 (Rev. 06/04) lo. 0651-0027 (exp. 6/30/2005)	02-25-	2009	U.S. Department of COMMERCE United States Patent and Trademark Office	
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9				Express Mail Label No.	
)				EV 806 663 795 US Marvell Docket No. MP1716	
6	To the Director(of the U.S. Paten	103483	3840 is 100010 the attached (documents or the new address(es) below.	
, 1. N	ame of conveying party(ies)/			ress of receiving party(les)	
Mar	Marvell Japan K.K.		Name: Marvell In	ternational Ltd.	
			Internal Address:		
	Fxeecution Date(s) 2/12/2008 Additional name of conveying party(ies) attached? Yes No				
3. 1	lature of conveyance:		Street Address: Argyle House, 41A Cedar Avenue		
	☑ Assignment	☐ Merger	City: Hamilton		
	☐ Security Agreement	☐ Change of Name			
ľ	Government Interest Assign	iment	State:		
	Executive Order 9424, Conf		Country: Bermuda	Zip <u>: Hm12</u>	
E	Execution Date: <u>2/12/2008</u>		Additional Name(s	s) & address(es) attached? Yes No	
the	Application number(s) or pater execution date of the application A. Patent Application No.(s) Unassigned, filed herewith.		B. Patent N	being filed together with a new application,	
4/2008	HLE333 00000040 12069795		1		
C:3021	40.00 (Additional numbers atta	ached? ☐ Yes ⊠	No	
	Name and address of party to whom correspondence concerning this document should be mailed:			of applications and patents involved: 1	
ŀ	ne: Michael D. Wiggins		7. Total fee (37 Cl	FR 1.21(h) & 3.41) \$ 40.00 (via	
	rnal Address: <u>Harness</u> , <u>Dickey</u>	& Pierce, P.L.C.	attached credit card	d authorization)	
				d to be charged by credit card	
			☐ Authorized	d to be charged to deposit account	
Str	Street Address: P.O. Box 828		☐ Enclosed		
City	: Bloomfield Hills		☐ None requ	uired (government interest not affecting title)	
Sta	State: Michigan Zip: 48303 Phone Number: 248-641-1600		8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is		
l l					
Fax	Number: 248-641-0270		enclosed.		
Em	ail Address: mdwiggins@hdp	.com			
9. Signature:				February 12, 2008	
	juac	Signature)		Date	
	Michael D. Wiggins Total number of pages including cover sheet, attachments, and documents				
	Name of Person Signing Poruments to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:				
				d 42 (574) 272 0440 or malled to:	

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT Corporate

Marvell Japan K.K., a Japanese corporation, having a principal place of business at Shinjuku Center Building 44F, 1-25-1, Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0644, Japan (hereafter the "Assignor"), is the owner by respective Assignment of United States Patent Application identified below (hereafter sometimes called the "Patent Application").

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 and all inventions described and claimed therein.

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 identified below, and all inventions described and claimed therein, 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 Japan K.K. <u>Case</u> <u>No.</u>	U. S. Serial No.	U. S. Filing Date	<u>Title</u>
MP1716	To Be Assigned	Herewith	CONTROL SYSTEM AND METHOD FOR LOADING ACTUATOR ARM OF ROTATING STORAGE DEVICE
MP1716PR	60/889,447	02/12/2007	METHOD AND APPARATUS FOR HEAD LOADING CONTROL

By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent Application 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 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 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 Japan K.K., a Japanese corporation, certifies that it is the Assignee of the entire right,

pago 1/2

title and interest in the Patent Application identified above by virtue of Assignment from Marvell Technology Japan Y.K and which received its assignment from the inventor(s) of the Patent Application identified above. Assignment to be recorded in the Patent and Trademark Office as identified below.

Inventor(s) to Marvell Technology Japan Y.K. Case No.	U. S. Serial No.	Assignment Execution Date	
. MP1716	To Be Assigned	February 12, 2008	
MP1716PR	60/889,447	February 12, 2008	

The undersigned has reviewed the documents in the Patent Application 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:	Hideoshi Kosaka
Title:	Director
Date	February 12, 2008

Marvell Technology Japan Y.K.

page \$/Z

U.S. PTO 12/069795 02/12/2008

RECORDATION FORM COVER SHEET

PATENTS ONLY

Express Mail Label No. EV 806 663 795 US Marvell Docket No. MP1716

Marvell Japan K.K. Execution Date(s) 2/12/2008 Additional name of conveying party(ies) attached? □ Yes ☒ No 3. Nature of conveyance: ☒ Assignment □ Merger □ Security Agreement □ Change of Name □ Government Interest Assignment □ Execution Date: 2/12/2008 4. Application number(s) or patent number(s): The execution date of the application is: February 12, 2008. A. Patent Application No.(s) Unassigned, filed herewith. Additional numbers attached? □ Yes ☒ No 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Michael D: Wiggins 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 (vis attached credit card authorized to be charged by credit card □ Authorized to be charged by credit card □ Authorized to be charged by credit card □ Authorized to be charged to deposit account □ Enclosed □ None required (government interest not affecting title) State: Michael D: Wiggins The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.	To the Director of the U.S. Patents and Trademark Office: Pleas	e record the attached documents or the new address(es) below.	
Internal Address: Inte	Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)	
Internal Address: Internal Address: Internal Address: Internal Address: Argyle House, 41A Cedar Avenue	Marvell Japan K.K.	Name: Marvell International Ltd.	
Execution Date(s) 2/12/2008 Additional name of conveying party(les) attached? Yes No Street Address: Argyle House, 41A Cedar Avenue City: Hamilton		Internal Address:	
Sacurity Agreement Change of Name State: Country: Bermuda Zip: Hm12 Additional numbers attached? Yes ⊗ No	Execution Date(s) 2/12/2008 Additional name of conveying party(ies) attached? Yes No		
Security Agreement	3. Nature of conveyance:	City: Hamilton	
Country: Bermuda Zip: Hm12 Additional Name(s) & address(es) attached? ☐ Yes ☒ No 4. Application number(s) or patent number(s): the execution date of the application is: February 12, 2008. A. Patent Application No.(s) Unassigned, filed herewith. Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Michael D. Wiggins Internal Address: Harness. Dickey & Pierce. P.L.C. Street Address: P.O. Box 828 City: Bloomfield Hills State_Michigan Zip: 48303 Phone Number: 248-641-1800 Fax Number: 248-641-10270 Email Address: mdwiggins@hdp.com 9. Signature: February 12, 2008 Michael D. Wiggins Total number of applications and patents involved: ☐ 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 (via stached credit card authorized to be charged by credit card ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title) 8. The Commissioner is hereby authorized to charge any additional lees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed. February 12, 2008 Michael D. Wiggins Total number of pages including cover sheet, attachments, and documents	 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name 		
Additional Name(s) & address(es) attached?		Country: Bermuda Zip: Hm12	
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Street Address: P.O. Box 828 Enclosed None required (government interest not affecting title) State; Michigan Phone Number : 248-641-1600 Fax Number: 248-641-0270 Email Address: mdwiggins@hdp.com Signature : Michael D. Wiggins Date Total number of pages including cover Sharp of the sheet is enclosed Total number of pages including cover Sharp of the sheet is enclosed Date Total number of pages including cover Sheet, attachments, and documents City: Bloomfield Hills None required (government interest not affecting title) Sharp of the sheet is enclosed City: Bloomfield Hills None required (government interest not affecting title) Sharp of the sheet is enclosed City: Bloomfield Hills None required (government interest not affecting title) Sharp of the sheet is enclosed City: Bloomfield Hills None required (government interest not affecting title) Sharp of the sheet is enclosed City: Bloomfield Hills None required (government interest not affecting title) Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills City: Bloomfield Hills City: Bloomfield Hills Sharp of the sheet is enclosed City: Bloomfield Hills City: Bloomfield Hills City: Bloomfield Hills City: Bloomfield Hills City: Bloomfield		- ·	
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