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02-08-2008

EET

103480642 Commissioner for Patents: Please record the attached original J 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Soichi Isono, Minoru Tsukada, Tomoki Oura, and Marvell Semiconductor, Inc. Koji Takahashi 5488 Marvell Lane Santa Clara, CA 95054 Additional name(s) attached? ☐ Yes 図 No 3. Nature of conveyance: ☑ Assignment □ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: Additional names/addresses attached? ☐ Yes 図 No Execution Date: 01/31/2008 4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 01/31/2008 A. Patent Application No(s).: B: Patent No(s).: Additional numbers attached? ☐ Yes ☑ No 5. Name/address of party to whom correspondence concerning 6. Total number of applications/patents involved: 1 document should be mailed: J. RICHARD SODERBERG 7. Total fee (37 CFR §3.41): \$40 Fish & Richardson P.C. ☑ Enclosed 60 South Sixth Street ☐ Authorized to charge Deposit Account. **Suite 3300** 8. Deposit Account No.: 06-1050 Minneapolis, MN 55402 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050. DO NOT USE THIS SPACE 9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. J. Richard Soderberg Reg. No. 43,352 Name of Person Signing Total number of pages including coversheet, attachments and document; 3 60481281.doc 02/07/2008 MJAMA1 000000027 12012426 61 FC:3021 49.90 OF CERTIFICATE OF MAILING BY EXPRESS MAIL Express Mail Label No. _____ EV342625884US Date of Deposit: February 1, 2008

> PATENT REEL: 020495 FRAME: 0152

Docket#: MP1198 PATENT

ASSIGNMENT

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

Soichi Isono Minoru Tsukada Tomoki Oura Koji Takahashi

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

MAGNETIC DISK CONTROLLER AND METHOD

Do hereby sell, assign and transfer to Marvell Technology Japan Y.K., a corporation of Japan, having a place of business at Shinjuku Center Bldg. 44F, 1-25-1, Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0644 Japan, 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 therefore 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 Technology Japan Y.K., its successors, assigns, and legal representatives, the full and exclusive right to United States Provisional Patent Applications No. 60/889,174, filed February 9, 2007, 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;

Agree that Marvell Technology Japan Y.K., 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.

Date: Jan. /31/2008

Month/Day/Year Soichi Isono

PATENT REEL: 020495 FRAME: 0153

Date:	Jul. /31 /2006 Month/Day/Year	极田和	
	Month/Day/ rear	Minoru Tsukada	
Date:	Jam/31/2008	大浦 知树	
	Month/Day/Year	Tomoki Oura	
~	7- 21 200	下龄 4-	

RECORDED: 02/01/2008