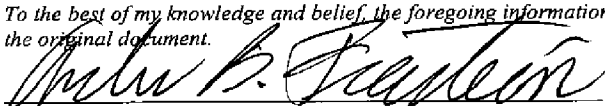


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Please record the attached original document or copy thereof.					
Total number of pages including cover sheet, attachments, and document: <u>3</u>					
1. A. Name of conveying parties: (1) Akira MIYATAKE (2) Kiyoshi KOBAYASHI (3) Shuji MAEKAWA (4) Tomoo OTSUKA (5) Hideyuki NAKANO B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. A. Name and address of receiving party: TDK CORPORATION 1-13-1, NIHONBASHI CHUO-KU, TOKYO 103-8272 JAPAN B. Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other B. Execution Date: <u>ALL (May 26, 2008)</u>					
4. A. Patent Application No. <u>12/130,209</u>			B. Patent No.(s)		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
C. Title of Application: <u>PERPENDICULAR MAGNETIC RECORDING HEAD AND METHOD OF MANUFACTURING SAME</u>					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787			6. Total number of applications and patents involved: <u>1</u> 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.		
9. Statement and signature. <i>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.</i>  James A. Oliff Registration No. 27,075 Andrew B. Freistein Registration No. 52,917					
Date: <u>July 1, 2008</u>					

CH \$40.00 150461 12130209

For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we,

NameAddress

1) Akira MIYATAKE	c/o ALPS ELECTRIC CO., LTD., 1-7, Yukigaya-otsuka-cho, Ota-ku, Tokyo 145-8501 Japan
2) Kiyoshi KOBAYASHI	c/o ALPS ELECTRIC CO., LTD., 1-7, Yukigaya-otsuka-cho, Ota-ku, Tokyo 145-8501 Japan
3) Shuji MAEKAWA	c/o ALPS ELECTRIC CO., LTD., 1-7, Yukigaya-otsuka-cho, Ota-ku, Tokyo 145-8501 Japan
4) Tomoo OTSUKA	c/o ALPS ELECTRIC CO., LTD., 1-7, Yukigaya-otsuka-cho, Ota-ku, Tokyo 145-8501 Japan
5) Hideyuki NAKANO	c/o ALPS ELECTRIC CO., LTD., 1-7, Yukigaya-otsuka-cho, Ota-ku, Tokyo 145-8501 Japan

hereinafter called assignor(s), have invented certain improvements in
Perpendicular Magnetic Recording Head and Method of Manufacturing Same

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on May 30, 2008, Serial No. 12/130209; and

Whereas

TDK Corporation

1-13-1, Nihonbashi,
Chuo-ku, Tokyo 103-8272 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORSDATE SIGNED

1): Name:	<u>Akira Miyatake</u> Akira MIYATAKE	<u>May 26, 2008</u>
2): Name:	<u>Kiyoshi Kobayashi</u> Kiyoshi KOBAYASHI	<u>May 26, 2008</u>
3): Name:	<u>Shuji Maekawa</u> Shuji MAEKAWA	<u>May 26, 2008</u>
4): Name:	<u>Tomoo Otsuka</u> Tomoo OTSUKA	<u>May 26, 2008</u>

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

5): Hideyuki Nakano
Name: Hideyuki NAKANO

May 26, 2008

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)