Mail Stop: Assignments Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	RECORDATION FORM PATENTS (ONLY	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office ey Docket No. 124618
Please record the attached document. Total number of pages including cover	r sheet, attachments, and docum	ent: <u>2</u>	
1. A. Name of conveying parties 1) Yoshitaka SASAKI 2) Hiroyuki ITO 3) Kazuo ISHIZAKI 4) Takehiro HORINAK B. Additional name(s) of conveyance: 3. A. Nature of conveyance:	A	HEADWA 678 S. HII MILPITA	Idress of receiving party: AY TECHNOLOGIES, INC. LLVIEW DR. S, CA 95035 USA ame(s) & address(es) attached? Yes 🖾 No
	☐ Merger ☐ Change of Name ptember 28, 2005		
4. A. Patent Application No.(s)	11/172,984 Additional numbers attac	B. Patent No.(s))
C. Title of Application: THIN-FILM MAGNETIC HEAD STRUCTURE, MET THE SAME, AND THIN-FILM MAGNETIC HEAD			
Name and address of party to when concerning document should be a concerned by a concerning document should be a concerned by a concerning document shoul		6. Total number of a	pplications and patents involved: 1
Name: James A. Oliff			Deposit Account No. 15-0461 the CFR 3.41) in the amount of \$40.00.
Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320 Phone Number: 703-836-6400 Fax Number: 703-836-2787		8. Credit any overpa deposit account nu	yment or charge any underpayment to umber 15-0461.
9. Statement and signature. To the best of my knowledge and original document. James A. Oliff/ Registration No Jesse O. Collier, Registration N	. 27,075		ober 12, 2005

PATENT REEL: 016877 FRAME: 0848

4):

Name:

For Non-U.S. Clients

ASSIGNMENT

Whereas, I/we, Address Name 1) Yoshitaka SASAKI 678 S. Hillview Dr. Milpitas, CA 95035 United States of America 2) Hiroyuki ITO 678 S. Hillview Dr. Milpitas, CA 95035 United States of America Kazuo ISHIZAKI 678 S. Hillview Dr., Milpitas, CA 95035 United States of America 4) Takehiro HORINAKA 678 S. Hillview Dr. Milpitas, CA 95035 United States of America hereinafter called assignor(s), have invented certain improvements in Thin-Film Magnetic Head Structure, Method of Manufacturing the Same, and Thin-Film Magnetic Head and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below: 11/172984 July 5, 2005 Serial No. filed on Whereas Headway Technologies, Inc. 678 S. Hillview Dr., Milpitas, CA 95035 United States of America (assignee), desires to acquire the entire right, title and interest in the application and invertion, 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. 1): Name: 2): Name: 3): Kazuo ISHIZ Name:

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

RECORDED: 10/12/2005 REEL: 016877 FRAME: 0849

Takehiro HORINAKA