Mail Stop: Assignment Recordation Services RECORDATION FORM Director of the U.S. Patent PATENTS (and Trademark Office P.O. Box 1450			
Alexandria, VA 22313-1450	Attorney Docket No. <u>149470</u>		
Please record the attached document.			
Total number of pages including cover sheet, attachments, and docume	ent: <u>3</u>		
1. A. Name of conveying parties:	2. A. Name and address of receiving parties:		
 Yoshitaka SASAKI Hiroyuki ITO Shigeki TANEMURA Kazuki SATO Atsushi IIJIMA 	 [1] HEADWAY TECHNOLOGIES, INC. 678 S. HILLVIEW DR., MILPITAS, CA 95035, U.S. [2] SAE MAGNETICS (H.K.) 		
B. Additional name(s) of conveying party(ies) attached?	LTD. SAE TECHNOLOGY CENTRE,		
 3. A. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other 	6 SCIENCE PARK EAST AVENUE, HONG KONG SCIENCE PARK, SHATIN, N.T., HONG KONG, CHINA		
B. Execution Date: <u>[1-4]: JULY 6, 2011</u> [5]: JULY 20, 2011	 B. Additional name(s) & address(es) attached? □Yes ⊠ No 		
4. A. Patent Application No. <u>13/099,729</u>	B. Patent No.(s)		
Additional numbers attac	hed? 🗌 Yes 🖾 No		
C. Title of Application: <u>THIN-FILM MAGNETIC HEAD, METHOD OF</u> <u>MANUFACTURING THE SAME, HEAD GIMBAL</u> <u>ASSEMBLY, AND HARD DISK DRIVE</u>			
 Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> 	 6. Total number of applications and patents involved: 1 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. 		
Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787	 Credit any overpayment or charge any underpayment to deposit account number 15-0461. 		
 Statement and signature. To the best of my knowledge and belief, the foregoing information original document. Hanne A. Oliff, Registration No. 27,075 Tommy T. Kim, Registration No. L0543 	on is true and correct and any attached copy is a true copy of the Date: <u>August 1, 2011</u>		

PATENT REEL: 026686 FRAME: 0204

ASSIGNMENT

(Two Assignees)

	Insert	(1)	Yoshitaka SASAKI	(4)	Kazuki SATO	
(1-8)	Name(s)	(2)	Hiroyuki ITO	(5)	Atsushi IIJIMA	
	of Inventor(s)	(3)	Shigeki TANEMURA	(6)		
		each o			d other good and valuable consideration paid to d hereby does assign, transfer and set over to	
(9A)	Insert Name of First Assignee	(9A)	HEADWAY TECHNOLOGIES, INC.			
(10A)	Insert Address of First Assignee	(10A)	678 S. HILLVIEW DR., MILPITAS, CA 95035, U.S.			
(9B)	Insert Name of Second Assignee	(9B)	SAE MAGNETICS (H.K.)LTD.			
(10B)	Insert Address of Second		SAE TECHNOLOGY CENTRE, 6 SCIENCE PARK EAST AVENUE,			
	Assignee	(10B)	HONG KONG SCIEN	ICE PARK, SH	ATIN, N.T., HONG KONG,	
			CHINA			
(11)	Insert Identification,	intern	ational, confirmation, substitute a mination certificates that may be	and reissue application granted on the invent	al, non-provisional, divisional, continuation, n(s), and all Letters Patent, extensions, reissues and tion known as OF MANUFACTURING THE SAME,	
	such as Title, Case		HEAD GIMBAL ASSEMBLY, AND HARD DISK DRIVE			
Number or Foreign Application Number Attorney Docket No. 149470 for which the undersigned has (have) executed an application for patent in the United even date herewith or						
			ecuted an application	for patent in the United States of America on		
(12)	Insert Date of Signing of Application	(12) (on			
(13)	Alternative	(13)	U.S. Application Serial Number	13/099,729		
	Identification for filed applications	filed	May 3, 2011			

 Each undersigned agrees to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignees, as Assignees of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any human technication that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	7/6/11	Inventor Signature	- nestituter Saude	(SEAL)
Date	7/6/11	Inventor Signature	Mmla	(SEAL)
Date	7/6/11	Inventor Signature	Ships Talma	(SEAL)
Date	7/6/11	Inventor Signature	Konuki fato	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	7/6/11	Witness J. Malist
Date	7/6/11	Witness Day u 2
		PATENT

REEL: 026686 FRAME: 0205

ASSIGNMENT

(Two Assignees)

	Insert	(1)	Yoshitaka SASAKI	(4)	Kazuki SATO		
(1-8)	Name(s)	(2)	Hiroyuki ITO	(5)	Atsushi IIJIMA		
	of Inventor(s)	(3)	Shigeki TANEMURA				
		each o	In consideration of the sum of the undersigned, each undersigned	of one dollar (\$1.00) and med agrees to assign, an	d other good and valuable consideration id hereby does assign, transfer and set	on paid to over to	
(9A)	Insert Name of First Assignee	(9A)	HEADWAY TECHN	IOLOGIES, INC			
(10A)	Insert Address of First Assignee	(10A)	678 S. HILLVIEW D	R., MILPITAS,	CA 95035, U.S.		
(9B)	Insert Name of Second Assignce	(9B)	SAE MAGNETICS (SAE MAGNETICS (H.K.)LTD.			
(10B)	Insert Address of Second Assignce		SAE TECHNOLOGY CENTRE, 6 SCIENCE PARK EAST AV				
		(10B)	HONG KONG SCIENCE PARK, SHATIN, N.T., HONG KONG, CHINA				
/1		entire in all intern reexar	right, title and interest for the L applications for patent includin ational, confirmation, substitute nination certificates that may b	Jnited States of Americ g any and all provision e and reissue application e granted on the invent		he invention, and inuation, ns, reissues and	
(11)	Insert Identification,	(11)	THIN-FILM MAGNETI	C HEAD, METHOD	OF MANUFACTURING THE	SAME,	
	such as Title, Case Number or Foreign		HEAD GIMBAL ASSEN	MBLY, AND HARD	DISK DRIVE	1.7. danama ang ang ang ang ang ang ang ang ang an	
	Application Number	Attor	ney Docket No. <u>149470</u>			Mite d Materia and Indonesia angen	
			ich the undersigned has (have) e late herewith or	executed an application	for patent in the United States of Ame	rica on	
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	Signing of Application	(12)	J38		ngennen gen og af som gen og af som		
(13)	Alternative	(13)	J.S. Application Serial Number	13/099,729			
	Identification for	filed					
	filed applications		May 3, 2011		a		
patents as application provision grant of a of the Un interest, a agreemen	ons for the invention, and any parts the Assignces may deem necess 2) Each undersigned agrees to on or continuation or division th in obtaining evidence and going 3) Each undersigned agrees to is of the International Convention 4) Each undersigned agrees to valid United States patent to th 5) Each undersigned authorize ited States resulting from said a und covenants that he has full rights in conflict herewith, and agr 6) Each undersigned hereby gr eccessary or desirable in order to	atent(s) iss ssary. execute all aereof, or a g forward v execute all on for Proto perform a ne Assigne s and requipplication ght to com- ces that the ants the fir comply w	uing thereon, and also to execute 1 papers necessary in connection my patent or reissue application to with such interference. 1 papers and documents and perf ection of Industrial Property or si 11 affirmative acts which may be es. lests the Commissioner of the U or any divisional, continuing or vey the entire interest herein assignis assignment is binding on hi m of OLIFF & BERRIDGE, PLC	e separate assignments i with any interference w based thereon, and to co form any act which may milar agreements. necessary to obtain, ma J.S. Patent and Tradem reissue applications to to gned, and that he has no im and his heirs, succe the power to insert on the Patent and Trademark of	d any continuing, divisional or reissue n connection with such applications a hich may be declared concerning this operate with the Assignees in every w be necessary in connection with clair intain or confirm by reissue or reexan- nark Office to issue any and all Lette the said Assignees, as Assignees of the stream of the said second will not execute, any ressors, assigns and legal representa- tis assignment any further identification Office for recordation of this document me(s).	nd ay ns or nination a rs Patents e entire tives. on that	
Date _			Inventor Signature			(SEAL)	
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Date _	/		Inventor Signature		*	(SEAL)	
then it sh	This assignment should prefera ould be signed before at least tw	bly be sign o witness	ned before: (a) a Notary Public if es who also sign here:	within the U.S.A. (b) a	U.S. Consul if outside the U.S.A. If	neither,	
Date			Witness				

Date

Witness

PATENT REEL: 026686 FRAME: 0206

RECORDED: 08/01/2011