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				Attorney Docket No. <u>157290</u>	
Please record the attached document.					
Total number of pages including cover sheet, attachments, and document: <u>2</u>					
1. A. Name of conveying parties: [1] Yoshitaka SASAKI [2] Hiroyuki ITO [3] Shigeki TANEMURA [4] Kazuki SATO [5] Tatsuya SHIMIZU 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 parties: [1] HEADWAY TECHNOLOGIES, INC. 678 S. HILLVIEW DRIVE MILPITAS, CA 95035 [2] SAE MAGNETICS (H.K.) LTD. SAE TECHNOLOGY CENTRE, 6 SCIENCE PARK EAST AVENUE, HONG KONG SCIENCE PARK, SHATIN, N.T., HONG KONG, CHINA 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>[1]-[4] - 05/14/2013 and</u> <u>[5] - 05/20/2013</u>					
4. A. Patent Application No. <u>13/861,033</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No C. Title of Application: <u>MAGNETIC HEAD FOR PERPENDICULAR MAGNETIC RECORDING</u> <u>HAVING A RETURN PATH SECTION</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 Email: <u>email@oliff.com</u>			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 Roane T. Noel, Registration No. 63,004 Todd M. Guise, Registration No. 46,748 Date: <u>June 11, 2013</u>					

CH \$40.00 150461 13861033

ASSIGNMENT (Two Assignees)

(1-8)	Insert	(1)	<u>Yoshitaka SASAKI</u>	(2)	<u>Hiroyuki ITO</u>
	Name(s)	(3)	<u>Shigeki TANEMURA</u>	(4)	<u>Kazuki SATO</u>
	of Inventor(s)	(5)	<u>Tatsuya SHIMIZU</u>	(6)	
		(7)		(8)	

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A)	Insert Name of First Assignee	(9A)	<u>Headway Technologies, Inc.</u>
(10A)	Insert Address of First Assignee	(10A)	<u>678 S. Hillview Dr., Milpitas, CA 95035 U.S.A.</u>
(9B)	Insert Name of Second Assignee	(9B)	<u>SAE Magnetics (H.K.) Ltd.</u>
(10B)	Insert Address of Second Assignee	(10B)	<u>SAE Technology Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong, CHINA</u>

(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	<u>MAGNETIC HEAD FOR PERPENDICULAR MAGNETIC RECORDING</u> <u>HAVING A RETURN PATH SECTION</u>
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(Attorney Docket No. _____)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12)	Insert Date of Signing of Application	(12)	on _____
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(13)	Alternative Identification for filed applications	(13)	U.S. Application Number <u>13/861,033</u> filed <u>April 11, 2013</u>
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1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention 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 any application or patents for the invention 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 and other issuing authorities to issue any and all patents resulting from said application(s) 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 agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's 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 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	<u>May 14, 2013</u>	Inventor Signature	<u>Yoshitaka Sasaki</u>	(SEAL)
Date	<u>May 14, 2013</u>	Inventor Signature	<u>Hiroyuki Ito</u>	(SEAL)
Date	<u>May 14, 2013</u>	Inventor Signature	<u>Shigeki Tanemura</u>	(SEAL)
Date	<u>May 14, 2013</u>	Inventor Signature	<u>Kazuki Sato</u>	(SEAL)
Date	<u>May 20, 2013</u>	Inventor Signature	<u>TATSUYA SHIMIZU</u>	(SEAL)
Date	_____	Inventor Signature	_____	(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	<u>May 14, 2013</u>	Witness	<u>[Signature]</u>
Date	<u>May 20, 2013</u>	Witness	<u>[Signature]</u>