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1. A. Name of conveying parties:
 1) Yoshitaka SASAKI
 2) Hiroyuki ITOH
 3) Takehiro KAMIGAMA

B. Additional name(s) of conveying party(ies) attached?
 Yes No

2. A. Name and address of receiving parties:
 HEADWAY TECHNOLOGIES, INC.
 678 S. HILLVIEW DR. MILPITAS,
 CA 95035 U.S.A.

SAE MAGNETICS (H.K.) LTD.
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 CRESCENT, KWAI CHUNG, N.T.,
 HONG KONG, CHINA

3. A. Nature of conveyance:

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B. Execution Date: 1&2) February 16, 2004 3)
February 23, 2004

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 Yes No

4. A. If this document is being filed together with a new application, the execution date of the application is: _____

B. Patent Application No.(s) 10/702,512

C. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**
P.O. Box 19928
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Phone Number: 703-836-6400
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6. Total number of applications and patents involved: 1

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Date: May 11, 2004

James A. Oliff Registration No. 27,075
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CH \$40.00 150461 10702512

ASSIGNMENT (Two Assignees)

(1-8) Insert Name(s) of Inventor(s) (1) Yoshitaka SASAKI (4) (2) Hiroyuki ITOH (5) (3) Takehiro KAMIGAMA (6)

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and 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.A. (9B) Insert Name of Second Assignee (9B) SAE MAGNETICS (H.K.) LTD. (10B) Insert Address of Second Assignee (10B) SAE Tower, 38-42, Kwai Fung Crescent, Kwai Chung, N.T., Hong Kong, China

(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 divisions, continuations, substitutes, and reissues, 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) THIN-FILM MAGNETIC HEAD AND METHOD OF MANUFACTURING SAME 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 (13) Alternative Identification for filed applications (13) U.S. Application Serial Number filed November 7, 2003

1) 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 Director of Patents 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 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 February 16, 2004 Inventor Signature Yoshitaka Sasaki (SEAL) Date February 16, 2004 Inventor Signature Hiroyuki Itoh (SEAL) Date February 23, 2004 Inventor Signature Takehiro Kamigama (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 February 16, 2004 Witness Katsumi Hashinaga Date February 23, 2004 Witness Kyohei Abe