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To the Director of the United States Patent and Trademark Office, enclosing the attached original documents or copy thereof.

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| <p>1. Name of conveying party(ies): Mitsuharu ISOBE Hiromichi UMEHARA Hirotaaka GOMI Tomohide YOKOZAWA</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>2. Name and address of receiving party(ies):</p> <p>Name: 1) TDK Corporation and 2) SAE Magnetics (H.K.) Ltd</p> <p>Address: 1) 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272, Japan and 2) SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung, N.T., Hong Kong</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
| <p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: May 25, 2005</p> | |

4. Application number(s) or patent number(s):

This document is being filed together with a new application

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| <p>A. Patent Application No.(s) 11/065,358</p> | <p>B. Patent No.(s)</p> |
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Additional numbers attached? Yes No

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| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220</p> | <p>6. Total applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)</p> |
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9. Statement and signature

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.

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| <p>Frederick D. Vastine Name of Person Signing</p> | <p><i>FD Vastine</i> Signature</p> | <p><i>6/17/05</i> Date</p> |
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PATENT
REEL: 016699 FRAME: 0727

Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

WHEREAS, I (WE) (1) Mitsuharu ISOBE of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

(2) Hiromichi UMEHARA of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

(3) Hirotaka GOMI of c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

(4) Tomohide YOKOZAWA of c/o SAE Magnetics (H.K.) Ltd., SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung, N.T., Hong Kong

_____, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: PROCESSING METHOD OF THIN-FILM AND MANUFACTURING METHOD OF THIN-FILM MAGNETIC HEAD

INSERT DATE INVENTORS SIGNED DECLARATION:

For which an application for Letters Patent was executed on May 25, 2005

(Application No. 11/065,358, filed February 25, 2005), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS, ①TDK Corporation, and ②SAE Magnetics (H.K.) Ltd.

(hereinafter referred to as "ASSIGNEE") having places of business at: ①1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan, and ②SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung, N.T., Hong Kong is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date: May 25, 2005 Mitsuharu Isobe
(Signature of Inventor) (1) Mitsuharu ISOBE

Date: May 25, 2005 Hiromichi Umehara
(Signature of Inventor) (2) Hiromichi UMEHARA

Date: May 25, 2005 Hiroataka Gomi
(Signature of Inventor) (3) Hiroataka GOMI

Date: May 25, 2005 Tomohide Yokozawa
(Signature of Inventor) (4) Tomohide YOKOZAWA

Date: _____
(Signature of Inventor)

Date: _____
(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314