

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hisayoshi WATANABE</td><td>12/02/2008</td></tr><tr><td>Toshiomi YOKOYAMA</td><td>12/03/2008</td></tr><tr><td>Nobuyuki MORI</td><td>12/03/2008</td></tr><tr><td>Akihiro KANEKO</td><td>12/03/2008</td></tr><tr><td>Michitaka NISHIYAMA</td><td>12/03/2008</td></tr><tr><td>Kenji YOKOYAMA</td><td>12/03/2008</td></tr></tbody></table>	Name	Execution Date	Hisayoshi WATANABE	12/02/2008	Toshiomi YOKOYAMA	12/03/2008	Nobuyuki MORI	12/03/2008	Akihiro KANEKO	12/03/2008	Michitaka NISHIYAMA	12/03/2008	Kenji YOKOYAMA	12/03/2008	
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RECEIVING PARTY DATA															
Name:	TDK CORPORATION														
Street Address:	1-13-1, Nihonbashi, Chuo-ku														
City:	Tokyo														
State/Country:	Japan														
Postal Code:	103-8272														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12389688</td></tr></tbody></table>	Property Type	Number	Application Number:	12389688											
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Application Number:	12389688														
CORRESPONDENCE DATA															
Fax Number:	(703)413-2220														
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ATTORNEY DOCKET NUMBER:	338775US6														
NAME OF SUBMITTER:	Svjetlana Badic														

OP \$40.00 12389688

PATENT

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Total Attachments: 2

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Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) WATANABE, Hisayoshi

c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

YOKOYAMA, Toshiomi

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MORI, Nobuyuki

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KANEKO, Akihiro

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NISHIYAMA, Michitaka

c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

YOKOYAMA, Kenji

c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

_____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: " SHAPING METHOD OF THIN FILM AND

MANUFACTURING METHOD OF PERPENDICULAR RECORDING MAGNETIC HEAD USING THE SAME
METHOD"

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, TDK Corporation

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan 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.

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: 2008, 12, 2

Hisayoshi Watanabe
(Signature of Inventor) WATANABE, Hisayoshi

Date: 2008. 12. 3

Yokoyama Toshiomi
(Signature of Inventor) YOKOYAMA, Toshiomi

Date: 2008. 12. 3

Naoyuki Mori
(Signature of Inventor) MORI, Nobuyuki

Date: 2008. 12. 3

Akihiro Kaneko
(Signature of Inventor) KANEKO, Akihiro

Date: 2008, 12, 3

Michitaka Nishiyama
(Signature of Inventor) NISHIYAMA, Michitaka

Date: 2008, 12, 3

Kenji Yokoyama
(Signature of Inventor) YOKOYAMA, Kenji

Date: _____

(Signature of Inventor)

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ALEXANDRIA, VIRGINIA 22314