

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tomohito MIZUNO</td> <td>06/01/2007</td> </tr> <tr> <td>Yoshihiro TSUCHIYA</td> <td>06/01/2007</td> </tr> <tr> <td>Koji SHIMAZAWA</td> <td>06/01/2007</td> </tr> </tbody> </table>		Name	Execution Date	Tomohito MIZUNO	06/01/2007	Yoshihiro TSUCHIYA	06/01/2007	Koji SHIMAZAWA	06/01/2007
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Tomohito MIZUNO	06/01/2007								
Yoshihiro TSUCHIYA	06/01/2007								
Koji SHIMAZAWA	06/01/2007								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	TDK Corporation								
<b>Street Address:</b>	1-13-1, Nihonbashi, Chuo-ku								
<b>City:</b>	Tokyo								
<b>State/Country:</b>	JAPAN								
<b>Postal Code:</b>	103-8272								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11762457</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11762457				
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Application Number:	11762457								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(703)413-2220								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	(703) 413-3000								
<b>Email:</b>	echaston@oblon.com								
<b>Correspondent Name:</b>	Oblon, Spivak, et al.								
<b>Address Line 1:</b>	1940 Duke Street								
<b>Address Line 4:</b>	Alexandria, VIRGINIA 22314								
<b>ATTORNEY DOCKET NUMBER:</b>	310526US0								
<b>NAME OF SUBMITTER:</b>	Elizabeth A Chaston								
<b>Total Attachments: 2</b> source=310526USAssignment#page1.tif source=310526USAssignment#page2.tif									

OP \$40.00 11762457

**PATENT**

# Assignment of Application

WHEREAS, I (WE) 1) Tomohito MIZUNO  
2) Yoshihiro TSUCHIYA  
3) Koji SHIMAZAWA  
all of: c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 103-8272, Japan

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: MAGNETO-RESISTIVE EFFECT DEVICE, THIN-FILM MAGNETIC HEAD, HEAD GIMBAL ASSEMBLY, AND HARD DISK SYSTEM

INSERT DATE INVENTORS SIGNED DECLARATION:

for which an application for Letters Patent was executed on June 1, 2007

(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: June 1, 2007 *Tomohito Mizuno*  
 (Signature of Inventor) Tomohito MIZUNO

Date: June 1, 2007 *Yoshihiro Tsuchiya*  
 (Signature of Inventor) Yoshihiro TSUCHIYA

Date: June 1, 2007 *Koji Shimazawa*  
 (Signature of Inventor) Koji SHIMAZAWA

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

Date: \_\_\_\_\_  
 (Signature of Inventor)

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

03/03