

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>Koji SHIMAZAWA</td><td>03/14/2008</td></tr><tr><td>Kiyoshi NOGUCHI</td><td>03/14/2008</td></tr></tbody></table>	Name	Execution Date	Koji SHIMAZAWA	03/14/2008	Kiyoshi NOGUCHI	03/14/2008					
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Koji SHIMAZAWA	03/14/2008										
Kiyoshi NOGUCHI	03/14/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>TDK CORPORATION</td></tr><tr><td>Street Address:</td><td>1-13-1, Nihonbashi, Chuo-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>Japan</td></tr><tr><td>Postal Code:</td><td>103-8272</td></tr></table>	Name:	TDK CORPORATION	Street Address:	1-13-1, Nihonbashi, Chuo-ku	City:	Tokyo	State/Country:	Japan	Postal Code:	103-8272	
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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>12022538</td></tr></tbody></table>	Property Type	Number	Application Number:	12022538							
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Application Number:	12022538										
CORRESPONDENCE DATA											
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (703) 413-3000											
Email: lveliz@oblon.com											
Correspondent Name: Oblon, Spivak, et al.											
Address Line 1: 1940 Duke Street											
Address Line 4: Alexandria, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	321478US										
NAME OF SUBMITTER:	Liz Veliz										
Total Attachments: 2 source=321478USAssignment2#page1.tif source=321478USAssignment2#page2.tif											

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PATENT
REEL: 020727 FRAME: 0257

Assignment of Application

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WHEREAS, I (WE) 1) Koji SHIMAZAWA

2) Kiyoshi NOGUCHI

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

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

, respectively,

have invented certain new and useful improvements in:

MAGNETORESISTIVE DEVICE WITH THE CPP TYPE, AND MAGNETIC DISK SYSTEM

for which an application for Letters Patent was executed on March 14, 2008

(Application No. 12/022,538 , filed January 30, 2008), and

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.

03/03

INSERT TITLE
OF INVENTION

INSERT DATE IN
VENTORS SIGNED
DECLARATION:

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

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: March 14, 2008

Koji Shimazawa
(Signature of Inventor) Koji SHIMAZAWA

Date: March 14, 2008

Kiyoshi Noguchi
(Signature of Inventor) Kiyoshi NOGUCHI

Date: _____

(Signature of Inventor)

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