

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Kenichiro YAMADA</td> <td>10/16/2012</td> </tr> <tr> <td>Takuya MATSUMOTO</td> <td>10/16/2012</td> </tr> <tr> <td>Naoyuki NARITA</td> <td>10/16/2012</td> </tr> <tr> <td>Tomoko TAGUCHI</td> <td>10/16/2012</td> </tr> <tr> <td>Katsuhiko KOUI</td> <td>10/16/2012</td> </tr> <tr> <td>Akihiko TAKEO</td> <td>10/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kenichiro YAMADA	10/16/2012	Takuya MATSUMOTO	10/16/2012	Naoyuki NARITA	10/16/2012	Tomoko TAGUCHI	10/16/2012	Katsuhiko KOUI	10/16/2012	Akihiko TAKEO	10/16/2012
Name	Execution Date														
Kenichiro YAMADA	10/16/2012														
Takuya MATSUMOTO	10/16/2012														
Naoyuki NARITA	10/16/2012														
Tomoko TAGUCHI	10/16/2012														
Katsuhiko KOUI	10/16/2012														
Akihiko TAKEO	10/16/2012														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Kabushiki Kaisha Toshiba</td> </tr> <tr> <td>Street Address:</td> <td>1-1 Shibaura 1-Chome</td> </tr> <tr> <td>City:</td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8001</td> </tr> </table>		Name:	Kabushiki Kaisha Toshiba	Street Address:	1-1 Shibaura 1-Chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN	Postal Code:	105-8001				
Name:	Kabushiki Kaisha Toshiba														
Street Address:	1-1 Shibaura 1-Chome														
City:	Minato-ku, Tokyo														
State/Country:	JAPAN														
Postal Code:	105-8001														
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>13680363</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13680363										
Property Type	Number														
Application Number:	13680363														
CORRESPONDENCE DATA															
Fax Number:	9497609502														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	9497600404														
Email:	efiling@knobbe.com														
Correspondent Name:	Knobbe, Martens, Olson & Bear LLP														
Address Line 1:	2040 Main Street														
Address Line 2:	14th Floor														
Address Line 4:	Irvine, CALIFORNIA 92614														
ATTORNEY DOCKET NUMBER:	SUTOSH.1193AUS														

OP \$40.00 13680363

NAME OF SUBMITTER:

Irfan A. Lateef

Total Attachments: 3

source=SUTOSH-1193AUS_Assignment#page1.tif

source=SUTOSH-1193AUS_Assignment#page2.tif

source=SUTOSH-1193AUS_Assignment#page3.tif

ASSIGNMENT

AGG063612-USA-A
(12S0627)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

MAGNETIC RECORDING HEAD, AND DISK DRIVE COMPRISING THE SAME

have sold and assigned and do hereby sell and assign to
KABUSHIKI KAISHA TOSHIBA
a Japanese corporation, having a business address at
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) executed concurrently herewith
 executed on _____ ;
 Application No. _____ , filed _____ ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Mr. Irfan Lateef, Knobbe, Martens, Olson & Bear LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614

ASSIGNMENT

AGG063612-USA-A
(12S0627)

[1st Inventor]

Residence Address: Tokyo, Japan
Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan
Citizenship: Japan

Kenichiro Yamada
Kenichiro Yamada

Oct. 16, 2012
Date:

[2nd Inventor]

Residence Address: Tokyo, Japan
Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan
Citizenship: Japan

Takuya Matsumoto
Takuya Matsumoto

Oct. 16, 2012
Date:

[3rd Inventor]

Residence Address: Fuchu-shi, Japan
Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan
Citizenship: Japan

Naoyuki Narita
Naoyuki Narita

Oct. 16, 2012.
Date:

[4th Inventor]

Residence Address: Kunitachi-shi, Japan
Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan
Citizenship: Japan

Tomoko Taguchi
Tomoko Taguchi

Oct. 16, 2012
Date:

[5th Inventor]

Residence Address: Yokohama-shi, Japan
Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan
Citizenship: Japan

Katsuhiko Kouji
Katsuhiko Kouji

Oct 16, 2012
Date:

ASSIGNMENT

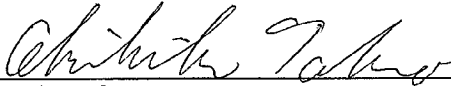
AGG063612-USA-A
(12S0627)

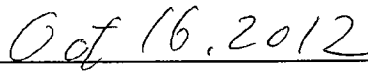
[6th Inventor]

Residence Address: Kokubunji-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan


Akihiko Takeo


Date: