

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>Yoshinobu FUCHIZAKI</td><td>06/17/2010</td></tr><tr><td>Tomoko TAGUCHI</td><td>06/17/2010</td></tr></tbody></table>		Name	Execution Date	Yoshinobu FUCHIZAKI	06/17/2010	Tomoko TAGUCHI	06/17/2010
Name	Execution Date						
Yoshinobu FUCHIZAKI	06/17/2010						
Tomoko TAGUCHI	06/17/2010						
RECEIVING PARTY DATA							
Name:	Kabushiki Kaisha Toshiba						
Street Address:	1-1, Shibaura 1-chome						
Internal Address:	Minato-ku						
City:	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>12836415</td></tr></tbody></table>		Property Type	Number	Application Number:	12836415		
Property Type	Number						
Application Number:	12836415						
CORRESPONDENCE DATA							
Fax Number:	(949)760-9502						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	949-760-0404						
Email:	ldo@kmob.com						
Correspondent Name:	Knobbe, Martens, Olson & Bear, LLP						
Address Line 1:	2040 Main Street, 14th Floor						
Address Line 4:	Irvine, CALIFORNIA 92614						
ATTORNEY DOCKET NUMBER:	SUTOSH.638AUS						
NAME OF SUBMITTER:	Derek R. Bayles						
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

OP \$40.00 12836415

501234184

PATENT
REEL: 024693 FRAME: 0584

ASSIGNMENT

3VG051970-USA-A
(09S1574)

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 HEAD AND DISK DRIVE WITH 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

3VG051970-USA-A
(09S1574)

[1st Inventor]

Residence Address: Ome-shi, Japan

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

Citizenship: Japan

Yoshinobu Fuchizaki
Yoshinobu Fuchizaki

June 17, 2010
Date:

[2nd 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

June 17, 2010
Date:

PATENT

RECORDED: 07/15/2010

REEL: 024693 FRAME: 0586