

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toru EZAWA	06/17/2010
Shuichi KOJIMA	06/17/2010
Masahide KANEGAE	06/17/2010
Kenichiro YAMADA	06/22/2010
Katsuhiko KOUI	06/22/2010
Masayuki TAKAGISHI	06/22/2010
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12843723
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NAME OF SUBMITTER:	Irfan A Lateef

CH \$40.00 12843723

Total Attachments: 6

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ASSIGNMENT

FVG052462-USA-A
(10S0107)

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:

METHOD AND APPARATUS FOR CONTROLLING HEAD WITH SPIN-TORQUE OSCILLATOR IN A DISK DRIVE

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

FVG052462-USA-A
(10S0107)

[1st Inventor]

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Toru Ezawa

Toru Ezawa

Date:

June 17, 2010

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Shuichi Kojima

Date:

June 17, 2010

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Masahide Kanegae

Date:

June 17, 2010

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Kenichiro Yamada

Kenichiro Yamada

Date:

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Katsuhiko Kouji

Katsuhiko Kouji

Date:

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REEL: 024743 FRAME: 0273

ASSIGNMENT

FVG052462-USA-A
(10S0107)

[6th Inventor]

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Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Masayuki Takagishi

Date:

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(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.

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Toru Ezawa

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Katsuhiko Kouji

Katsuhiko Kouji

June 22, 2010

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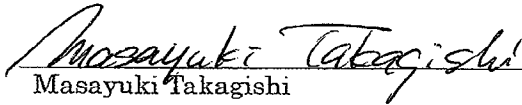
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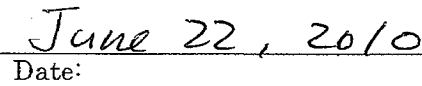
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