

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toshihiko NAGASE	10/06/2008
Masatoshi YOSHIKAWA	10/06/2008
Eiji KITAGAWA	10/06/2008
Katsuya NISHIYAMA	10/06/2008
Tadaomi DAIBOU	10/22/2008
Tatsuya KISHI	10/06/2008
Hiroaki YODA	10/06/2008
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Street Address:	1-1, Shibaura 1-chome, Minato-Ku
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State/Country:	Japan
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12233100
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ATTORNEY DOCKET NUMBER:	332250US2SRD

OP \$40.00 12233100

500709764

PATENT
REEL: 021863 FRAME: 0954

NAME OF SUBMITTER:

Nestor H. Sandoval

Total Attachments: 6

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PATENT

REEL: 021863 FRAME: 0955

ASSIGNMENT

13G045744-USA-A
(08S0217-1)

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:

MAGNETORESISTIVE ELEMENT AND MAGNETIC MEMORY

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. 12/233,100 , filed September 18, 2008 ;

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.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA
22314

13G045744-USA-A
(08S0217-1)

Citizenship: Japan

Toshihiko Nagase
Toshihiko Nagase

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Date: October 6, 2008

Date:

Citizenship: Japan

Masatoshi Yoshikawa

Masatoshi Yoshikawa

Date: October 6, 2008

Date:

Citizenship: Japan

Eiji Kitagawa

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Citizenship: Japan

Katsuya Nishiyama

Katsuya Nishiyama

Date: October 6, 2008

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Citizenship: Japan

Tadaomi Daibou

Date:

ASSIGNMENT

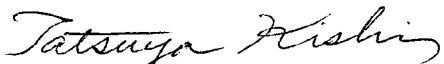
13G045744-USA-A
(08S0217-1)

[6th Inventor]

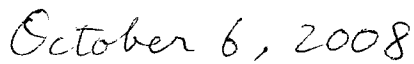
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Tatsuya Kishi



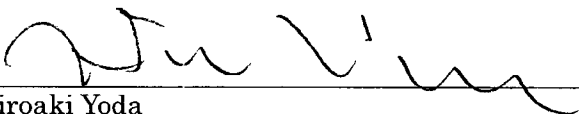
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Hiroaki Yoda



Date:

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(08S0217-1)

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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. 12/233,100 , filed September 18, 2008 ;

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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13G045744-USA-A
(08S0217-1)

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Tadaomi Daibou

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Date:

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13G045744-USA-A
(08S0217-1)

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RECORDED: 11/20/2008

REEL: 021863 FRAME: 0961