

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Daisuke SAIDA</td><td>09/15/2011</td></tr> <tr><td>Minoru AMANO</td><td>09/15/2011</td></tr> <tr><td>Junichi ITO</td><td>09/15/2011</td></tr> <tr><td>Yuichi OHSAWA</td><td>09/15/2011</td></tr> <tr><td>Saori KASHIWADA</td><td>09/15/2011</td></tr> <tr><td>Chikayoshi KAMATA</td><td>09/15/2011</td></tr> <tr><td>Tadaomi DAIBOU</td><td>09/15/2011</td></tr> </tbody> </table>		Name	Execution Date	Daisuke SAIDA	09/15/2011	Minoru AMANO	09/15/2011	Junichi ITO	09/15/2011	Yuichi OHSAWA	09/15/2011	Saori KASHIWADA	09/15/2011	Chikayoshi KAMATA	09/15/2011	Tadaomi DAIBOU	09/15/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Name:</td><td>KABUSHIKI KAISHA TOSHIBA</td></tr> <tr><td>Street Address:</td><td>1-1, Shibaura 1-chome, Minato-Ku</td></tr> <tr><td>City:</td><td>Tokyo</td></tr> <tr><td>State/Country:</td><td>JAPAN</td></tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-Ku	City:	Tokyo	State/Country:	JAPAN								
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CORRESPONDENCE DATA																	
Fax Number: (703)413-2220 Phone: (703) 413-3000 Email: bpalmer@oblon.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314																	
ATTORNEY DOCKET NUMBER:	386342US2RD																

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PATENT
REEL: 027252 FRAME: 0502

NAME OF SUBMITTER:

Brian Palmer

Total Attachments: 2

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13G055685-USA-A

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) 1) Daisuke SAIDA of Tokyo, Japan

2) Minoru AMANO of Kanagawa-ken, Japan

3) Junichi ITO of Kanagawa-ken, Japan

4) Yuichi OHSAWA of Kanagawa-ken, Japan

5) Saori KASHIWADA of Kanagawa-ken, Japan

6) Chikayoshi KAMATA of Kanagawa-ken, Japan

7) Tadaomi DAIBOU of Kanagawa-ken, Japan

, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: "MAGNETIC RECORDING ELEMENT AND
NONVOLATILE MEMORY DEVICE"

(Application No. 13/228,040, filed September 8, 2011), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, Kabushiki Kaisha Toshiba

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 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.

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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, L.L.P. 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: <u>September 15, 2011</u>	<u>Daisuke Saida</u> (Signature of Inventor) Daisuke SAIDA
Date: <u>Sep. 15, 2011</u>	<u>Minoru Amano</u> (Signature of Inventor) Minoru AMANO
Date: <u>Sep. 15, 2011</u>	<u>Junichi Ito</u> (Signature of Inventor) Junichi ITO
Date: <u>Sep. 15, 2011</u>	<u>Yuichi Ohsawa</u> (Signature of Inventor) Yuichi OHSAWA
Date: <u>Sep. 15, 2011</u>	<u>Saori Kashiwada</u> (Signature of Inventor) Saori KASHIWADA
Date: <u>Sep. 15, 2011</u>	<u>Chikayoshi Kamata</u> (Signature of Inventor) Chikayoshi KAMATA
Date: <u>Sep. 15, 2011</u>	<u>Tadaomi Daibou</u> (Signature of Inventor) Tadaomi DAIBOU
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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RECORDED: 11/18/2011

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