

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yasushi Tomizawa</td> <td>08/10/2009</td> </tr> <tr> <td>Kohsuke Harada</td> <td>08/10/2009</td> </tr> <tr> <td>Hiroaki Nakamura</td> <td>08/10/2009</td> </tr> <tr> <td>Yoshiyuki Ishihara</td> <td>08/10/2009</td> </tr> <tr> <td>Shinji Takakura</td> <td>08/10/2009</td> </tr> </tbody> </table>		Name	Execution Date	Yasushi Tomizawa	08/10/2009	Kohsuke Harada	08/10/2009	Hiroaki Nakamura	08/10/2009	Yoshiyuki Ishihara	08/10/2009	Shinji Takakura	08/10/2009
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td><b>Street Address:</b></td> <td>1-1, Shibaura 1-chome</td> </tr> <tr> <td><b>City:</b></td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>105-8001</td> </tr> </table>		<b>Name:</b>	KABUSHIKI KAISHA TOSHIBA	<b>Street Address:</b>	1-1, Shibaura 1-chome	<b>City:</b>	Minato-ku, Tokyo	<b>State/Country:</b>	JAPAN	<b>Postal Code:</b>	105-8001		
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (216)696-8731  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2166968730        Email: mfolger@thepatentattorneys.com</p> <p>Correspondent Name: Turocy &amp; Watson, LLP        Address Line 1: 127 Public Square        Address Line 2: 57th Floor, Key Tower        Address Line 4: Cleveland, OHIO 44114</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	SAKAP207US												
<b>NAME OF SUBMITTER:</b>	Gregory Turocy												

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**PATENT**  
**REEL: 023105 FRAME: 0255**

Total Attachments: 1  
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## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

MAGNETIC DISK APPARATUS AND INFORMATION REPRODUCING METHOD

relating to International Patent Application PCT/JP\_\_\_\_/\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_;

(Insert date of execution of application, if not concurrent)

(b) filed on August 17, 2009;

Serial No. 12/542,100;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Yasushi Tomizawa</u> (Signature)	Yasushi TOMIZAWA (Type Name)	<u>August 10, 2009</u> (Date)
2) <u>Kohsuke Harada</u> (Signature)	Kohsuke HARADA (Type Name)	<u>August 10, 2009</u> (Date)
3) <u>Hiroaki Nakamura</u> (Signature)	Hiroaki NAKAMURA (Type Name)	<u>August 10, 2009</u> (Date)
4) <u>Yoshiyuki Ishihara</u> (Signature)	Yoshiyuki ISHIHARA (Type Name)	<u>August 10, 2009</u> (Date)
5) <u>Shinji Takakura</u> (Signature)	Shinji TAKAKURA (Type Name)	<u>August 10, 2009</u> (Date)