

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2645290

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>TAKEHIKO EGUCHI</td> <td>10/31/2013</td> </tr> <tr> <td>SHIGEO NAKAMURA</td> <td>10/31/2013</td> </tr> </tbody> </table>		Name	Execution Date	TAKEHIKO EGUCHI	10/31/2013	SHIGEO NAKAMURA	10/31/2013
Name	Execution Date						
TAKEHIKO EGUCHI	10/31/2013						
SHIGEO NAKAMURA	10/31/2013						
RECEIVING PARTY DATA							
Name:	Hitachi, Ltd.						
Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku						
City:	Tokyo						
State/Country:	JAPAN						
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>14124724</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14124724		
Property Type	Number						
Application Number:	14124724						
CORRESPONDENCE DATA							
Fax Number:	(703)610-8686						
Phone:	(703)903-9000						
Email:	ctexidor@milesstockbridge.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	MITCHELL W. SHAPIRO						
Address Line 1:	MILES & STOCKBRIDGE P.C.						
Address Line 2:	1751 PINNACLE DRIVE, SUITE 500						
Address Line 4:	TYSONS CORNER, VIRGINIA 22102-3833						
ATTORNEY DOCKET NUMBER:	XA-12494/T3309-20160US01						
NAME OF SUBMITTER:	MITCHELL W. SHAPIRO						
Signature:	/Mitchell W. Shapiro/						
Date:	12/11/2013						
Total Attachments: 1 source=Assignment#page1.tif							

CH \$40.00 14124724

ASSIGNMENT  
( 譲渡証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd.  
a corporation organized under the laws of Japan,  
located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan  
receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd.  
its successor and assigns, all my right, title and interest, in and for the United States of America, in and to

**MAGNETIC DISK APPARATUS**

Invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,  
to be held and enjoyed by said Hitachi, Ltd.  
its successor, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) Takehiko Eguchi Takehiko EGUCHI

Oct. 31, 2013

2) Shigeo Nakamura Shigeo NAKAMURA

Oct. 31, 2013