

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	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>Satoshi ARAI</td> <td>06/20/2011</td> </tr> <tr> <td>Irizo NANIWA</td> <td>06/27/2011</td> </tr> <tr> <td>Junichiro SHIMIZU</td> <td>06/27/2011</td> </tr> <tr> <td>Takuya MATSUMOTO</td> <td>06/13/2011</td> </tr> <tr> <td>Shigeyuki SASAKI</td> <td>06/23/2011</td> </tr> </tbody> </table>		Name	Execution Date	Satoshi ARAI	06/20/2011	Irizo NANIWA	06/27/2011	Junichiro SHIMIZU	06/27/2011	Takuya MATSUMOTO	06/13/2011	Shigeyuki SASAKI	06/23/2011
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hitachi Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>6-6, Marunouchi 1-chome</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi Ltd.	Street Address:	6-6, Marunouchi 1-chome	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN				
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (202)628-8844</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-624-2500</p> <p>Email: tyhaynes@crowell.com</p> <p>Correspondent Name: Crowell &amp; Moring LLP</p> <p>Address Line 1: 1001 Pennsylvania Avenue, N.W.</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20004</p>													
ATTORNEY DOCKET NUMBER:	011050.63677US												
NAME OF SUBMITTER:	Michael H. Jacobs												
<p>Total Attachments: 1</p> <p>source=63677US_Assignment#page1.tif</p>													

OP \$40.00 13143739

**PATENT**

501635894

REEL: 026797 FRAME: 0561

# 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 successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## THERMALLY ASSISTED MAGNETIC HEAD ASSEMBLY AND MAGNETIC DISK DEVICE

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 successors, 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) Satoshi Arai Satoshi ARAI

June 20, 2011

2) Irizo Naniwa Irizo NANIWA

June 27, 2011

3) Junichiro Shimizu Junichiro SHIMIZU

June 27/2011

4) Takuya Matsumoto Takuya MATSUMOTO

June 13/2011

5) Shigeyuki Sasaki Shigeyuki SASAKI

June 23/2011

6) \_\_\_\_\_

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7) \_\_\_\_\_

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8) \_\_\_\_\_

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9) \_\_\_\_\_

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10) \_\_\_\_\_

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