

## PATENT ASSIGNMENT

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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>Tetsuya KANBE</td> <td>07/07/2012</td> </tr> <tr> <td>Atsushi HASHIMOTO</td> <td>07/07/2012</td> </tr> <tr> <td>Takayuki FUKUSHIMA</td> <td>07/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tetsuya KANBE	07/07/2012	Atsushi HASHIMOTO	07/07/2012	Takayuki FUKUSHIMA	07/07/2012		
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<table border="1"> <tr> <td>Name:</td> <td>SHOWA DENKO K.K.</td> </tr> <tr> <td>Street Address:</td> <td>13-9, Shibadaimon 1-chome</td> </tr> <tr> <td>City:</td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8518</td> </tr> </table>		Name:	SHOWA DENKO K.K.	Street Address:	13-9, Shibadaimon 1-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN	Postal Code:	105-8518
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CORRESPONDENCE DATA											
<p>Fax Number: 2022937860          Phone: 202-293-7060          Email: bmurray@sughrue.com, sughrue@sughrue.com  <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: SUGHRUE MION, PLLC          Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.          Address Line 2: SUITE 800          Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q141582										
NAME OF SUBMITTER:	Brian T. Murray, New App. Specialist										
Total Attachments: 1 source=ASSIGNMENT_AS_FILED#page1.tif											

OP \$40.00 13577085

## Assignment

Whereas, I/We, Tetsuya KANBE of c/o SHOWA DENKO ELECTRONICS K.K., 5-1, Yawatakaigan-dori, Ichihara-shi, Chiba, 290-0067 Japan, Atsushi HASHIMOTO of c/o SHOWA DENKO ELECTRONICS K.K., 5-1, Yawatakaigan-dori, Ichihara-shi, Chiba, 290-0067 Japan, and Takayuki FUKUSHIMA of c/o SHOWA DENKO ELECTRONICS K.K., 5-1, Yawatakaigan-dori, Ichihara-shi, Chiba, 290-0067 Japan hereinafter called assignor(s), have invented certain improvements in

### Thermally Assisted Magnetic Recording Medium and Magnetic Storage Device

and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas,

SHOWA DENKO K.K. of 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo, 105-8518 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/577,085 and Confirmation number 5556, filed August 3, 2012) the application number and filing date of said application when known.

Date: July 7, 2012 s/ Tetsuya Kanbe  
Tetsuya KANBE

Date: 7/7, 2012 s/ Atsushi Hashimoto  
Atsushi HASHIMOTO

Date: 7/7, 2012 s/ Takayuki Fukushima  
Takayuki FUKUSHIMA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)