

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>Hitachi, Ltd.</td> <td>12/02/2011</td> </tr> <tr> <td>Hitachi-LG Data Storage, Inc.</td> <td>11/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hitachi, Ltd.	12/02/2011	Hitachi-LG Data Storage, Inc.	11/24/2011		
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<table border="1"> <tr> <td>Name:</td> <td>Hitachi, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>6-6, Marunouchi 1-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi, Ltd.	Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku	City:	Tokyo	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
<p>Fax Number: (415)576-0300 Phone: 4155760200 Email: vaguilar@kilpatricktownsend.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: Kilpatrick Townsend and Stockton LLP Address Line 1: Two Embarcadero Center, Eighth Floor Address Line 4: San Francisco, CALIFORNIA 94111</p>									
ATTORNEY DOCKET NUMBER:	86890-795926 (172920US)								
NAME OF SUBMITTER:	Vanessa M. Aguilar								
<p>Total Attachments: 2 source=Assignment_86890-795926#page1.tif source=Assignment_86890-795926#page2.tif</p>									

OP \$40.00 12963388

ASSIGNMENT

WHEREAS, Hitachi, Ltd. and Hitachi-LG Data Storage, Inc. (“Assignors”), Japanese corporations respectively located at

- 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan and
- 22-23, Kaigan 3-chome, Minato-ku, Tokyo, Japan,

have an equal and undivided joint interest in and to the invention (“Invention”) described and set forth in the below-identified application for United States Letters Patent (“Application”):

Title of Invention: Optical Disk Device and Optical Disk
Discriminating Method

Filing Date: December 8, 2010

Serial No.: 12/963,388

WHEREAS, Hitachi, Ltd. (“Assignee”), wants to acquire an interest in the Invention and Application and in any Letters Patent and Registrations that may be granted on the same;


For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the Invention and Application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the Application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee’s successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignors, but at Assignee’s expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the Invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the Invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee’s successors and assigns.

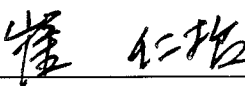
Assignment
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(was 16869S-172920US)
Serial No.: 12/963,388
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IN TESTIMONY WHEREOF, respective representatives of Assignors
have signed their names on the dates indicated.

Dated: December 2, 2011


Takashi Suzuki
General Manager, Intellectual Property Group
(Authorized Signing Officer)
Hitachi, Ltd.

Dated: November 24, 2011


In Cheol Choi
President and Chief Executive Officer
Hitachi-LG Data Storage, Inc.

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