

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>Koji MATSUMOTO</td> <td>06/05/2012</td> </tr> <tr> <td>Seiji HAMAIE</td> <td>06/21/2012</td> </tr> <tr> <td>Hideyuki NAGAMINE</td> <td>06/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Koji MATSUMOTO	06/05/2012	Seiji HAMAIE	06/21/2012	Hideyuki NAGAMINE	06/21/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Hitachi - LG Data Storage, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>22-23, Kaigan 3-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	Hitachi - LG Data Storage, Inc.	Street Address:	22-23, Kaigan 3-chome	Internal Address:	Minato-ku	City:	Tokyo	State/Country:	JAPAN
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CORRESPONDENCE DATA											
Fax Number:	7033126666										
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NAME OF SUBMITTER:	Melvin Kraus										
Total Attachments: 1 source=Assignment#page1.tif											

OP \$40.00 13479469

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 by Hitachi - LG Data Storage, Inc., a corporation organized under the laws of Japan, located at 22-23, Kaigan 3-chome, Minato-ku, Tokyo, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi - LG Data Storage, Inc., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

OPTICAL DISK APPARATUS

* U.S. Application Number 13/479469 filed on May 24, 2012

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 - LG Data Storage, Inc., 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 - LG Data Storage, Inc.,

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) <u>Koji Matsumoto</u>	Koji MATSUMOTO	<u>Jun. 5, 2012</u>
2) <u>Seiji Hamaie</u>	Seiji HAMAIE	<u>Jun. 21, 2012</u>
3) <u>Hideyuki Nagamine</u>	Hideyuki NAGAMINE	<u>Jun. 21, 2012</u>
4) _____		_____
5) _____		_____
6) _____		_____
7) _____		_____
8) _____		_____
9) _____		_____
10) _____		_____