PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
		Name	Execution Date		
Yoshiyuki Tanaka			05/21/2009		
Ikuo Nishida			05/21/2009		
Hisahiro Miki			05/20/2009		
RECEIVING PARTY DATA					
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Internal Address:	Minato-ku				
City:	Токуо				
State/Country:	JAPAN				
PROPERTY NUMBERS Total: 1					
Property Type		Number 643			
Application Number: 1242		643			
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NAME OF SUBMITTER:		Melvin Kraus			
Total Attachments: 1 source=Assignment#page1.tif					
PATENT					

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 - 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 DISC APPARATUS

*U.S.Application No. 12/424643 filed on April 16, 2009

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-inpart, 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・	Date Signed (署名 日)	
1)_	Yoshi'yuki Janaka	Yoshiyuki TANAKA	May 21. 2009
2)_	Ikuo Mishida	Ikuo NISHIDA	May 21, 2009
3)_	Hisahiro Miki	Hisahiro MiKi	may 20. 2009
4)			
5)_		······································	
6)		transformer at the	
7)_	<u> </u>		
8)			
9)			·
10)			

PATENT REEL: 022853 FRAME: 0624

RECORDED: 06/22/2009