## PATENT ASSIGNMENT

## Electronic Version v1.1

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DATA					
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Futoshi TAKEDA 05/08/2012					
RECEIVING PARTY DATA					
Name:	FUNAI ELECTRIC CO., LTD.				
Street Address:	7-7-1, Nakagaito, Daito-shi,				
City:	Osaka				
State/Country:	JAPAN				
Postal Code:	574-0013				
PROPERTY NUMBERS Total: 1 Property Type Number					
Application Number: 1347		34727	2784		
Application Number:     13472784       CORRESPONDENCE DATA					
Fax Number: (202)739-3001					
Phone:	2027393000				
Email:	2027393000 patents@morganlewis.com, kcasavecchia@morganlewis.com				
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.					
Correspondent Name:					
Address Line 1:	1111 Pennsylvania Avenue NW				
Address Line 4: Washington, DISTRICT OF COLUMBIA 20004					
ATTORNEY DOCKET NUMBER:			60326-5357		
NAME OF SUBMITTER:			Mary Jane Boswell		
Total Attachments: 1 source=060326-5357_Assignment_0516212#page1.tif					

ATTORNEY DOCKET NO .: SOLE/JOINT INVENTION (U.S. Rights Only)

## ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

## **OPTICAL DISC DEVICE**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on \_\_\_\_\_, (Application No.\_\_\_\_\_); and

WHEREAS, FUNAI ELECTRIC CO., LTD., a corporation of Japan, whose post office address is 7-7-1, Nakagaito, Daito-shi, Osaka 574-0013 Japan, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignce is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignce, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 13/472,784 , filed May 16, 2012 ) the filing date and application number of said application when known,

Full Name of Sole or First Assignor Assignor's Signature Date Futoshi Takeda May 8,2012 Futoshi TAKEDA Address C/O FUNAI ELECTRIC CO., LTD., 7-7-1, Nakagaito, Daito-shi, Osaka 574-0013 Japan Citizenship Japan Names of additional inventors attached []Yes 🛛 No

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

1-WA/1632828.2

**RECORDED: 05/16/2012**