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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Keiichi MURAMATSU	04/20/2012

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:	13461964

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 60326-5351

NAME OF SUBMITTER: Mary Jane Boswell

Total Attachments: 1

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PATENT REEL: 028142 FRAME: 0217 \$40.00 13461964

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

ASSIGNMENT

WHEREAS I/We, the below named made an invention entitled:	inventor(s), [hereinafter referred to as A	Assignor(s)], have			
OPTICAL DISC APPARATUS					
for which I/WE executed an application for United States Letters Patent on	nited States Letters Patent concurrently he	rewith; or filed an); 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 from assignee is hereby acknowledged, I/WE, and do hereby sell, assign, transfer, and set MY/OUR entire right, title, and interest in and continuations thereof, and all Letters Patent or reissues thereof; and I/WE hereby authorize at the United States to issue all Letters Patent for accordance with the terms of this Assignment;	over unto the assignee, its lawful succes to this invention and this application, and f the United States which may be granted and request the Commissioner of Patents ar	rred, and set over, sors and assigns, all divisions, and i thereon, and all nd Trademarks of			
AND, I/WE HERBBY 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 assignee, 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. 13/461,964 May 2, 2012) the filling date and application number of said application when known. IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).					
		Date			
Kelichi MURAMATSU	Keiichi Mufamatry	Apr 20.2012			
Address C/O PUNAI ELECTRIC CO., LTD., 7-7-1	, Nakagaito, Daito-shi, Osaka 574-0013 Japan	Citizenship Japan			
lames of additional inventors attached Yes	⊠ No				

1-WA/1632828.2

RECORDED: 05/02/2012

PATENT REEL: 028142 FRAME: 0218