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J.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

SHEET

Attorney Docket No.: 060326-5039

	Attorney Docket No.: 000320-3039
To the Commissioner for Patents ATT	N: MAIL STOP ASSIGNMENT RECORDATION SERVICES
Please record the attached original documents or copy there	eof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Tetsuo NISHIDATE Takayuki MURAKAMI	Name: Funai Electric Co., Ltd.
·	Internal Address:
Additional names of conveying party(ies) attached? Yes No	Street Address: 7-7-1, Nakagaito, Daito-shi, Osaka 574-0013, Japan
3. Nature of conveyance:	City: State: Zip:
Assignment	Additional name(s) & address(es) attached?
	☐ Yes ⊠ No
4. New Application number(s) or patent number(s): NE	W APPLICATION
If this document is being filed together with a new applica	tion the execution date of the application is:
Februar	ry 23, 2006
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached: Yes No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Robert J. Gaybrick	7. Total fee (37 C.F.R. §3.41): <u>\$40.00</u> ☐ Enclosed
Internal Address: Morgan, Lewis & Bockius LLP	Authorized to be charged to Deposit Account 50-0310
Customer No. 09629 Street Address: 1111 Pennsylvania Ave., N.W.	8. Deposit Account No. 50-0310 (Attach duplicate page if paying by deposit account)
City: Washington State: D.C. Zip: 20004	<u> </u>
copy of the original document.	ormation is true and correct and any attached copy is a true
Robert J. Goodell, Reg. No. 41,040	March 3, 2006
Name of Person Signing Signature	Date
Total n	umber of pages including cover sheet, attachments and documents: 2
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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 HEAD AND OPTICAL DISC DEVICE PROVIDED THEREWITH

for which I/WE executed an application for Unit	ed States Letters Patent	concurrently here	with; 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 assignee 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 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. ______, filed Mar 3,2006) the filing date and application number of said application when known.

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

Full Name of First Assistance	Assistante Ciametrus	D-4-	
Full Name of First Assignor	Assignor's Signature	Date	
Tetsuo NISHIDATE	Tetsno Nishidate	February 23, 200 b	
Address C/O FUNAI ELECTRIC CO., LTD., 7-7-1, Nakagaito, Daito-shi, Osaka 574-0013		Citizenship	
Japan		Japanese	
Full Name of Consul Aminus			
Full Name of Second Assignor	Assignor's Signature	Date	
Takayuki MURAKAMI	Takaruki Murakami	Date Tebruary 23, 2006	
	Takaruki Murakami	Date Tebruary 23, 2006 Citizenship	

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RECORDED: 03/03/2006

PATENT REEL: 017644 FRAME: 0455