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07-25-2001

HEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

101787640 Attorney Docket No.: 040894-5691 To the Commissioner for Patents: ATTN: BOX ASSIGNMENT Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: 1. Takahiro YAMAGUCHI FUNAI ELECTRIC CO., LTD Additional name(s) of conveying party(ies) attached? Internal Address: _ Yes X No Street Address: 3. Nature of conveyance: 7-1, Nakagaito 7-chome, Daito-shi, Osaka, Japan X Assignment __ Merger _ Change of Name City: _ Security Agreement State: Zip: __ Other_____ Additional name(s) & address(es) attached? Execution Date: July 9, 2001 X No 4. Application number(s) or patent number(s): **NEW APPLICATION** If this document is being filed together with a new application the execution date of the application is: July 9, 2001 B. Patent No.(s) A. Patent Application No.(s) X No Additional numbers attached: __ Yes 6. Total number of applications and patents involved: 1 Name and address of party to whom correspondence 5. concerning document should be mailed: 7. Total fee (37 C.F.R §3.41): <u>\$40.00</u> Robert J. Gaybrick Name: X Enclosed __ Authorized to be charged to deposit account 50-0310 Morgan, Lewis & Bockius LLP **Internal Address:** Customer No. 009629 8. Deposit account number: 50-0310 1800 M Street, N.W. **Street Address:** Attach duplicate of page if paying by deposit account State: D.C. **Zip:** 20036 City: Washington 9. Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Signature Robert J. Goodell Name of Person Signing

> PATENT REEL: 011994 FRAME: 0823

Total number of pages including cover sheet, attachments and documents: 2

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], I	nave made an invention entitled:
DISK REPRODUCING APPARATUS	
For which I/WE executed an application for United States Letters Patent concurrently herewith; or States Letters Patent on	filed an application for United
WHEREAS, FUNAI ELECTRIC CO., LTD., a corporation of Japan	_, whose post office address is
7-1, Nakagaito 7-chome, Daito-shi, Osaka, Japan (hereinafter referred to as Assignee), is desirous of second terest in and to this invention, the application for United States Letters Patent on this invention as 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 anto 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 In this application, to insert here in parentheses (Application No	
IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).	
Full Name of Sole or First Assignor Takahiro YAMAGUCHI Takahiro YAMAGUCHI	Date July 9, 2001
Address c/o Funai Electric Co., Ltd., 7-1, Nakagaito 7-chome, Daito-shi, Osaka, Japan	Citizenship Japan
Full Name of Second Assignor	Date
Address	Citizenship
Names of additional inventors attached [] Yes [x] No	

Morgan, Lewis & Bockius LLP PATENT

RECORDED: 07/17/2001

REEL: 011994 FRAME: 0824