

FORM r 1 (Rev. 6-93) FORM PTO-1595

102641949

S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

| RECORDATION FORM COVER SHEET | | |
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| PATENTS ONLY Attorney Docket No.: 040894-5987 | | |
| To the Commissioner for Patents ATTN: MAIL STOP ASSIGNMENT RECORDATION SERVICES | | |
| Please record the attached original documents or copy thereof. | | |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies): | |
| Tsutomu MATSUI | Name: Funai Electric Co., Ltd. | |
| Additional names of conveying party(ies) attached? Yes No | Internal Address: 845/1 | |
| | Street Address: 7-1, Nakagaito 7-chome, Daito-shi, Osaka, Japan | |
| 3. Nature of conveyance: | City: State: Zip: | |
| | Additional name(s) & address(es) attached? | |
| 4. New 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: December 23, 2003 | | |
| Additional numbers attached: Yes No | 16747269 | |
| 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): _\$40.00 Enclosed Authorized to be charged to Deposit Account 50-0310 | |
| Internal Address: Morgan, Lewis & Bockius LLP Customer No. 09629 | 8. Deposit Account No. 50-0310 (Attach duplicate page if paying by deposit account) | |
| Street Address: 1111 Pennsylvania Ave., N.W. City: Washington State: D.C. Zip: 20004 | , | |
| 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. | | |
| | Ignature Date umber of pages including cover sheet, attachments and documents: 2 | |

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PATENT REEL: 014855 FRAME: 0342

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

ASSIGNMENT

| WHEREAS I/We, the below named inventor(s), [hereinaster ref | erred to as Assignor(s)], have made an invention entitled: | |
|--|---|--|
| OPTICAL PICKUP | | |
| for which I/WE executed an application for United States Letters Patent States Letters Patent on, (Application No | concurrently herewith; or filed an application for United); and | |
| WHEREAS, FUNAI ELECTRIC CO., LTD., a corpora | tion of <u>Japan</u> , whose post office address is | |
| 7-1, Nakagaito 7-chome, Daito-shi, Osaka, Japan (hereinafter referred to as As necest in and to this invention, the application for United States Letters upon this application; | ssignee), is desirous of securing the entire right, title, and Patent on this invention and the Letters Patent to be issued | |
| NOW THEREFORE, be it known that, for good and valuable of acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and into the assignee, its lawful successors and assigns, MY/OUR entire right application, and all divisions, and continuations thereof, and all Letters P all reissues thereof; and I/WE hereby authorize and request the Commiss all Letters Patent for this invention to assignee, its successors and assigns | d set over, and do hereby sell, assign, transfer, and set over t, title, and interest in and to this invention and this atent of the United States which may be granted thereon, and ioner of Patents and Trademarks of the United States to issue | |
| AND, I/WE HEREBY further covenant and agree that I/WE will successors and assigns, any facts known to ME/US respecting this inverse when called upon to do so, execute and deliver all papers that may a said assignee, its successors and assigns, execute all divisional, continuentally do everything possible to aid assignee, its successors and assign execute and that any expense incidus in the United States, it being understood that any expense incidus issignee, its successors and assigns. | ention and testify in any legal proceeding, sign all lawful be necessary or desirable to perfect the title to this invention tation, and reissue applications, make all rightful oaths and taken to obtain and enforce proper patent protection for this | |
| AND, I/WE HEREBY authorize and request the attorneys I/WE in this application, to insert here in parentheses (Application Nopplication number of said application when known. | , filed) the filing date and | |
| December 30, 2003 IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s). | | |
| Full Name of Sole or First Assignor TSutomu MATSUI Joutomu | Date December 23, 2003 | |
| Address c/o Funai Electric Co., Ltd., 7-1, Nakaga Daito-shi, Osaka, Japan | | |
| Full Name of Second Assignor | Date | |
| Address | Citizenship | |
| Names of additional inventors attached [] Yes [X] No | | |

Morgan, Lewis & Bockius LLP

PATENT REEL: 014855 FRAME: 0343