

10-24-2003

FORM PTO-1595
(Rev. 6-93)



DEPARTMENT OF COMMERCE
Patent and Trademark Office

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102583231
PATENTS ONLY

Attorney Docket No.: 040894-5968

10-16-03

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):

(1) Toyoshi NOGAMI
(2) Teruaki SOGAWA

Additional names of conveying party(ies) attached?
 Yes No

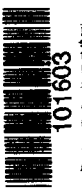
2. Name and address of receiving party(ies):

Name: FUNAI ELECTRIC CO., LTD.

Internal Address:

Street Address: 7-1 Nakagaito 7-chome,
Daito-shi, Osaka, Japan

21906 U.S. PTO
10/685395



3. Nature of conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: (1)-(2) October 3, 2003

Additional name(s) & address(es) attached?

 Yes No

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:

(1)-(2) October 3, 2003
A. Patent Application No.(s) B. Patent No.(s) **10685395**

Additional numbers attached: Yes No

5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name: Robert J. Gaybrick

Internal Address: Morgan, Lewis & Bockius LLP
Customer No. 09629

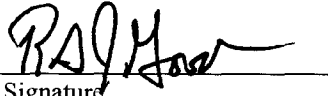
Street Address: 1111 Pennsylvania Ave., N.W.
City: Washington **State:** D.C. **Zip:** 20004

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41): \$40.00
 Enclosed
 Authorized to be charged to Deposit Account 50-0310

8. Deposit Account No. 50-0310
(Attach duplicate page if paying by deposit account)

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.

Robert J. Goodell Reg. No. 41,040  October 16, 2003
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments and documents: 2

10/23/2003 LMUeller 00000075 500310 10685395
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ASSIGNMENT

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

BIAXIAL ACTUATOR FOR OPTICAL PICKUP AND OPTICAL PICKUP

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 _____

7-1, Nakagaito 7-chome, Daito-shi, Osaka, 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 be issued 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 parentheses (Application No. _____, filed _____) the filing date and application number of said application when known. October 16, 2003

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

Full Name of Sole or First Assignor Toyoshi NOGAMI	Toyoshi Nogami	Date October 3, 2003
Address c/o Funai Electric Co., Ltd., 7-1, Nakagaito 7-chome, Daito-shi, Osaka, Japan		Citizenship Japan
Full Name of Second Assignor Teruaki SOGAWA	TERUAKI SOGAWA	Date October 3, 2003
Address c/o Funai Electric Co., Ltd., 7-1, Nakagaito 7-chome, Daito-shi, Osaka, Japan		Citizenship Japan
Names of additional inventors attached [] Yes [x] No		