

Form PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

12-01-2003

U.S DEPARTMENT OF COMMERCE
Patent and Trademark Office

11-21-03



102611377

To the Honorable Commissioner of Patents,
copy thereof

Transmit the attached original documents or

1. Name of conveying party(ies):

Ryusuke NODA

Additional name(s) of conveying party(ies)
attached?

yes no

2. Name and address of receiving party(ies)

Name: Funai Electric Co., Ltd.

Internal Address: 7-1, Nakagaito 7-chome
Daito-shi, Osaka 574-0013, Japan

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

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

yes no

16834 U.S. PTO
10/717606

Execution Date: July 30, 2003

4. Application number(s) or patent number(s):

10717606

If this document is being filed together with a new application, the execution date of the application is:
July 30, 2003

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:

Crowell & Moring, LLP
P.O. Box 14300
Washington, D.C. 20044-4300

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with
this Assignment to Deposit Account No. 05-1323

Authorized to be charged to Deposit Account

8. Deposit Account No.

(Attach dupl. copy of this page if paying by Deposit Account)

DO NOT WRITE IN THIS SPACE

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.

Jeffrey D. Sanok

Name Jeffrey D. Sanok Reg. No. 32,169

November 21, 2003

Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 2

11/28/2003 LMUELLER 00000026 10717606

DO NOT USE THIS SPACE

01-FC-10021 40.00 DP

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Funai Electric Co., Ltd.
7-1, Nakagaito 7-chome
Daito-shi, Osaka 574-0013
Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

OPTICAL DISC APPARATUS

as set forth in his United States Patent Application (check one):

executed concurrently herewith,
 executed on _____,
 Serial No. _____, filed _____,

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of CROWELL & MORING, L.L.P., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

INVENTOR: Ryusuke NODA
Citizenship: Japanese
Post Office Address/ Residence: c/o Funai Electric Co., Ltd.
7-1, Nakagaito 7-chome, Daito-shi, Osaka 574-0013, Japan

2003/07/30
(date)

Ryusuke Noda
(signature of 1st inventor)

INVENTOR:
Citizenship:
Post Office Address/
Residence:

(date)

(signature of 2nd inventor)