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Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	State: Country: JAPAN Zip: 574-0013 Additional name(s) & address(es) attached? Yes X No
A. Patent Application No.(s) 11/406,280	document is being filed together with a new application. B. Patent No.(s) B. Patent No.(s) Cached? Yes X No
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PATENT REEL: 017900 FRAME: 0943 Attorney's Docket No. Client Reference: PATENT

For: U.S. Rights For: U.S. Patent

By: Inventors/Assignee

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.

ASSIGNORS:

[Name] Kazuya Sudo

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[Name] Joji Yoshioka

[Address] c/o Funai Electric Co., Ltd., 7-7-1, Nakagaito,

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hereby sell, assign and transfer to

ASSIGNEE:

[Name] Funai Electric Co., Ltd.

[Address] 7-7-1, Nakagaito, Daito-shi, Osaka 574-0013 JAPAN a Corporation of: Japan

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

OPPICAL DISC APPARATUS

and which is found in (37 C.F.R. § 3.21) U.S. patent application executed on even date herewith and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue

Assignment of invention page 1 of 2

PATENT REEL: 017900 FRAME: 0944 and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

APR //3/2006 Karaya Sudo
Signature of Karaya Sudo
Title: Inventor

MAY /30/2006

Joji Yoshioka Signature of: Joji Yoshioka

Assignment of invention page 2 of 2

PATENT REEL: 017900 FRAME: 0945