

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hiroshi MITSUDA	03/16/2005
RECEIVING PARTY DATA	
Name:	FUNAI ELECTRIC CO., LTD.
Street Address:	7-7-1, Nakagaito, Daito
City:	Osaka
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11090291
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	George A. Loud
Total Attachments: 2 source=090291#page1.tif source=090291#page2.tif	

OP \$40.00 11090291

ASSIGNMENT

WHEREAS, I, Hiroshi MITSUDA of Japan have invented certain improvements in
OPTICAL DISK RECORDING AND REPRODUCING APPARATUS set forth in an
application for Patent of the United States; and

WHEREAS, FUNAI Electric Co., Ltd., 7-7-1, Nakagaito, Daito, Osaka, Japan is desirous
of acquiring an interest therein;

NOW THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other
good and valuable consideration, the receipt of which is hereby acknowledged, I, Hiroshi
MITSUDA by these presents do sell, assign and transfer unto FUNAI Electric Co., Ltd, its
successors, legal representatives, heirs and assigns, the full and exclusive right, title and interest
in the United States of America said application executed on the ____ day of _____, 2005
(and we hereby authorize our attorneys, authorized to prosecute said application, to here insert
the filing date and serial number of said application, when known: Serial No.

11/090,291 Filed 03/28/2005) to all Patents in the United States
which may be granted on said application, to all divisions, continuations and
continuations-in-part of said application, or reissues or extensions of said Patent, all applications
for Patent and all Patent therefor, to be held and enjoyed by FUNAI Electric Co., Ltd for its use
and behalf and for its legal representatives, successors, heirs, and assigns, to the full end of the
term for which said Patent are granted and any extensions thereof, as fully and entirely as the
same would have been held by ourselves had this assignment and sale not been made; and for the

same consideration, we hereby covenant and agree that, at the time of execution and delivery of this instrument, we hold good and full right and lawful authority to sell and convey the application for Patent above mentioned in the manner herein set forth; and for the same consideration we hereby covenant and agree that we will, whenever counsel of FUNAI Electric Co., Ltd, or the counsel of its successors, legal representatives, heirs or assigns, shall advise that any proceeding in connection with said application for Patent, or any proceeding in connection with Patent in the United States, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Patent, or any reissue or extension of any Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of said Patent, without charge to ourselves, our successors, legal representatives, heirs and assigns, but at the cost and expense of FUNAI Electric Co., Ltd, its successors, legal representatives, heirs and assigns; and we hereby request the Commissioner of Patents to issue said Patent to FUNAI Electric Co., Ltd, as assignee thereof.

Hiroshi MITSUDA March 16, 2005
Date