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Seiji Higurashi Yoichi Zenno

Takeo Ohishi

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Addit'l name(s) of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of name

[] Other

Execution Date: October 28, 1998

Victor Company of Japan, Ltd. 3-12, Moriya-cho, Kanagawa-ku Yokohama 221-0022 Japan

Addit'l. name(s) & address(es) attached? [] Yes [X] No



4. Application number(s) or patent number(s): 09/186, 282

If this document is being filed together with a new application, the execution date of the application is: October 28, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

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6. Total number of applications and patents involved [1]

7. Total fee (37 CFR 3.41).....\$40.00

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PATENT REEL: 9581 FRAME: 0081

ASSIGNMENT

1-735-0

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned, Seiji HIGURASHI Yoichi ZENNO Takeo OHISHI who have made a certain new and useful invention, hereby sell, assign and transfer unto VICTOR COMPANY OF JAPAN, LTD. Of 3-12, Moriya-cho, Kanagawa-ku, Yokohama 221-0022 Japan its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled DIGITAL SIGNAL RECORDING APPARATUS, AND RELATED METHOD (a) for which an application for United States Letters Patent was filed on ______, and identified by United States Serial No. _____; or (b) for which an application for United States Letters Patent was executed on October 28, 1998 and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE; AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred. SIGNED on the dates indicated aside our signatures: **DATE SIGNED** October 28, 1998 October 28, 1998 October 28, 1998 Name: Name:

> PATENT REEL: 9581 FRAME: 0082

Name: