RTMENT OF COMMERCE Attorney Docket No. 001090 Patent and Trademark Office 101565000 REC 0. W **PATENTS ONLY** Director of Patents and Trademarks: Please record the attached original documents or copy thereof. X New **Submission type:** Resubmission (Non-Recordation) Document ID #:_ Correction of PTO Error Reel #_____ Frame # __ Corrective Document Reel # Frame # ____ Security Agreement X Assignment Conveyance type: License Change of name Other Merger Execution Date (11/17/00 and **Conveying Party(ies):** 11/21/00) NISHIMURA, Ryozo First party Name: (Last, First, Middle Initial) SUNYOTO, Catur Henry Second party Name: Name: Third party Name: Fourth party Name: Fifth party Additional name(s) of conveying party(ies) attached? Yes ____ No Receiving Party (ies): Name: SANYO ELECTRIC CO., LTD. First party Address: 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka, Japan Second party Name: Address: Additional name(s) & address(es) attached? Yes_ No XX (Enter for the first Receiving Party only) **Domestic Representative Name and Address** ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006 For Office Use Only

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| Correspondent Name and Address Telephone: 202-659-2930 ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006 | | | | |
| Pages Enter the total number of pages of the attached conveyance document: (including any attachments, but not counting cover sheets) | | | | |
| Application Number(s) or Patent Number(s) Additional numbers attached? Yes No _XX_ | | | | |
| A. Patent Application No.(s) 09/649,594 (Do not recite both application and patent numbers.) If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: | | | | |
| Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned PCT PCT PCT PCT PCT PCT PCT PC | | | | |
| Number of Properties Enter the total number of properties involved: | | | | |
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| 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. William G. Kratz, Jr. Name of Person Signing December 6, 2000 Date Signature 22,631 Registration No. | | | | |

Rev. 11/00

PATENT REEL: 011365 FRAME: 0035

Armstrong, Westerman, Hattori, McLeland & Naughton

| | Docket No. | | | |
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| | U.S. ASSIG | ENMENT | | |
| | IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by | | | |
| (Insert ASSIGNEE's Name(s) Address(es)) | Sanyo Electric Co., Ltd. | | | |
| | 5-5, Keihanhondori 2-chome, Moriguchi-shi, OSAKA, Japan | | | |
| | (hereinafter ASSIGNEE), the receipt hereby sells, assigns and transfers to the invention entitled | of which is hereby acknowledged ASSIGNEE the entire and exclu- | d, the undersigned ASSIGNOR usive right, title and interest to | |
| (Title of Invention) | VIDEO RECORDING/REPRODUCING APPARATUS WITH TUNER | | | |
| (*If the assignment is being filed after the filing of the application, this section must be completed) | for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below: | | | |
| | "filed on August 29, 2000 | , Serial No. 09/649 | ,594 | |
| | "filed on August 29, 2000, Serial No. 09/649,594 (Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series | | | |
| | code, serial number and/or filing date hereon, when known) | | | |
| | and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. | | | |
| | The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. | | | |
| | The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. | | | |
| | IN WITNESS WHEREOF, the unc | | | |
| (Signatures) | Clark 103 Ryoso Nishin | ura Ryozo NISHIMURA | November 21, 2000 | |
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NO LEGALIZATION REQUIRED

RECORDED: 12/06/2000

(SIGNATURE)

PATENT REEL: 011365 FRAME: 0036