01-23-2004



rney Docket No.: 10407-75US (A3101MT-US1)

Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Hiromichi ISHIBASHI Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment		ORM COVER SHEET					
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Name of conveying party(ies): Hiromichi ISHIBASHI	110 01121						
Additional name(s) of conveying party(ies) attached?	1. Name of conveying party(ies): 1.12-04	2. Name and address of receiving party(ies) Matsushita Electric Industrial Co., Ltd. 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501					
4. Application Number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: December 25, 2003 A. Patent Application No.(s) Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence concerning document should be mailed: John D. Simmons AKIN GUMP STRAUSS HAUER & FELD LLP One Commerce Square 2005 Market Street, Suite 2200 Philadelphia, PA 19103 Direct Dial: 215-965-1268 E-mail: jsimmons@akingump.com DO NOT USE 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. ANAMY 10, 2004	 Nature of conveyance: Assignment	22581 U.S. PTO 10/756708					
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	To the best of my knowledge and belief, the foregoing true copy of the original document. John D. Simmons Name of Person Signing	Signature January 10, 2004 Signature Date					
Total number of pages including cover sheet, attachments, and documents: 3							

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Equivalent to Form PTO-1595 7119092 v1

Attorney Docket No.: 10407-75US Your Ref. No.: A3101MT-US1

SOLE

ASSIGNMENT

WHEREAS, I, Hiromichi ISHIBASHI, a citizen of Japan with a post office address 2-6-H-503, Tenno, Ibaraki-shi, Osaka 567-0876 Japan, hereinafter generally referred to as "ASSIGNOR", have invented a certain new and useful

DIGITAL VIDEO RECORDER, METHOD OF DRIVING THE VIDEO RECORDER AND PROGRAM

for wh	iich I have execut	ed a United States	patent	application,	Application No.	
filed _	Herewith	, 200	, and	,		

ASSIGNOR authorizes ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a Japanese corporation having a place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof:

44379 v1

PATENT REEL: 014949 FRAME: 0270 said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

December 25, 2003 DATE

RECORDED: 01/12/2004

Hiromichi Ishilashi (Seal)

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