R SHEET FOR' 1 PTO-1595 (modified) 08-10-1999 Patent and Trademark Office 410 Rec'd PCT/PTO To the Honorable Commissioner of I attached original document(s) or copy(ies) thereof. 1. Name of conveying party(ies): and address of receiving party(ies): 101113162 (1) Toshiyuki KOHRI; (2) Haruo ISAKA; Name: Matsushita Electric Industrial Co., Ltd. (3) Kenichi HONJO Internal Address: Street Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, Japan Additional name(s) of conveying party(ies) attached? No City: _____, State: ____ ZIP: _ 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name mad 2-9-99 Other Execution Date: December 24, 1998 Additional name(s) & address(es) attached? No 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 24, 1998 A. Patent Application No.(s) B. Patent No.(s) PCT/JP98/02549 Additional numbers attached? No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: WENDEROTH, LIND & PONACK 7. Total fee (37 C.F.R. § 3.41). \$ 40.00 Internal Address: Attn: Mr. Jeffrey Nolton X Enclosed [Check No.32128] Authorized to be charged to deposit account Street Address: 2033 "K" Street, N.W., Suite 800 8. Deposit account number: 23-0975 City: Washington, State: DC ZIP 20006 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 17/1999 HCLOYBED 0000090 09242113 Statement and signature.

Statement and signature.

Replace the foregoing information is true and correct and any attached copy is a true copy of the original document. Jeffrey Nolton, Reg. No. 25,40 February 9, 1999 Name of Person Signing Date otal number of pages including cover sheet, attachments, and document: 3 Mail documents to be recorded with required cover sheet information to: **Commissioner of Patents and Trademarks Box Assignments** Washington, D.C. 20231

ATTACHMENT D
PATENT

REEL: 010143 FRAME: 0601

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
	Toshiyuki KOHRI
	Haruo ISAKA
Insert Name(s) of Inventor(s)	Kenichi HONJO
	the undersigned hereby sell(s) and assign(s) to
Insert Name(s)	Matsushita Electric Industrial Co., Ltd.
of Assignee(s) Address	of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
	VIDEO RECORDING AND REPRODUCING APPARATUS
Fitle of Invention	
Date of Signing of Application	for which an application for patent in the United States has been executed by the undersigned on December 24, 1998
	The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
	The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

> **PATENT REEL: 010143 FRAME: 0602**

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date December 24, 1998, Name of Inventor Toshiyuki Kohri
Toshiyuki KOHRI Date December 24, 1998, Name of Inventor Harvo Isaka
Harvo Isaka Date Recember 44, 1998, Name of Inventor Kenicki Hongo
Kenichi HONJO _____, Name of Inventor ____ Date _____, Name of Inventor _____ Date ______, Name of Inventor _____ (This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.) Witness Lougohiker Mataila ACKNOWLEDGEMENT This ______ day of ______, 19____, before me personally came the above-named____ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth. Official Signature SEAL Official Title The above application may be more particularly identified as follows:

Applicant Reference Number FP-0352PCT Atty Docket No.

Title of Invention ___ VIDEO RECORDING AND REPRODUCING APPARATUS

PATENT REEL: 010143 FRAME: 0603

____Filing Date _____

RECORDED: 02/09/1999

U.S. Application Serial No.