FORM-PTO-1595 (modified)	06-06-200)2	? SHEET	U.S. DEPARTMENT OF COMMERC Patent and Trademark Office
To the Honorable Assistant Secretary a			ks: Please record	the attached original document(s)
or copy(ies) thereof. 1. Name of conveying party(ies):	10211285	7 TZ. Name	and address of re	ceiving party(ies):
	5 - 31-0	ــا		tric Industrial Co., Ltd.
Additional name(s) of conveying party (attack	hed? Nos			
3. Nature of conveyance:	DEMARIT			Oaza Kadoma, Kadoma-shi
	Merger Change of Name	1	Osaka, 571-8501 name(s) & address(es)	Country: <u>Japan</u> attached? <u>No</u>
Other Execution Date: April 22, 2002				
4. Application number(s) or patent num	nber(s):			
If this document is being filed togethe A. Patent Application No.(s) 10/108,895, filed March 29, 2		B. Patent	No.(s)	application is:
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total r	number of applicat	ions and patents involved: 1
Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Nils E. Pedersen , Esq.		7. Total f	ee (37 CFR 3.41)	
Street Address: 2033 K Street, N.W., Suite 800		X Enclosed (Check No. 50473) Authorized to be charged to deposit account		
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<u> </u>	DO NOT USE		duplicate copy of this	page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, original document. Nils E. Pedersen , Reg. No. 33,145 Name of Person Signing	the foregoing information	Malle	<u>May</u> Date	ached copy is a true copy of the 31, 2002
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Mail documents to be recorded with require	Do not detack d cover sheet informationsioner and Assistant Sec	n:	TO CH FEES I	OMMISSIONER IS AUTHORIZED IARGE ANY DEFICIENCY IN THE FOR THIS PAPER TO DEPOSIT UNT NO. 23-0975
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Public burden reporting for this sample cover time for reviewing the document and gathe comments regarding this burden estimate to Washington, D.C. 20231, and the Office of 20503.	ring the data needed, and the U.S. Patent and Tra	d completing a demark Office	and reviewing the second ce, Office of Information	ample cover sheet. Send stion Systems, PK2-1000C,
05/2002 AANED1 00000062 10108895 FC:581 40.00 GP				

PATENT REEL: 012947 FRAME: 0161

ASSIGNMENT

	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid teach of the undersigned
	Yoshinori MATSUI
Insert Name(s) of Inventor(s)	
Insert Name(s)	the undersigned hereby sell(s) and assign(s) to
of Assignee(s)	Matsushita Electric Industrial Co., Ltd.
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
	DATA REPRODUCTION APPARATUS AND DATA REPRODUCTION METHOD
Title of Invention	
	for which an application for patent in the United States has been executed by the undersigned on
Date of Signing Application	April 22, 2002

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: 012947 FRAME: 0162 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). april 22, 2002, Name of Inventor Yoshinori matsui Date ______, Name of Inventor ______ Date , Name of Inventor Date _____, 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.) **ACKNOWLEDGMENT** 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: U.S. Application Serial No. ______ Filing Date March 29, 2002 Applicant Reference No. P-26896-01 Atty. Docket No. 2002-0439A Title of Invention DATA REPRODUCTION APPARATUS AND DATA REPRODUCTION METHOD

RECORDED: 05/31/2002

PATENT REEL: 012947 FRAME: 0163