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FORM PTO-1595 (modified)	SHEET OF COMMERCE PROPERTY OF COMMERCE
To the Assistant Commissioner for Pt 100712561	
	dedurant(s) or copy(ies) thereof.
Name of conveying party(ies): Koichi HATA and Minoru ETOH	Name and address of receiving party less: Name: Matsushita Electric Industrial Cd., Ltd.
	Street Address: <u>1006, Oaza Kadoma</u> <u>Kadoma-shi, Osaka 571, Japan</u>
Additional name(s) of conveying party(ies) attached? No	
3. Nature of conveyance:	
X Assignment Merger Security Agreement Change of Name Other Execution Date: April 15, 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 exe	cution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
09/010,511	
Additional numbers	s attached? <u>No</u>
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: <u>WENDEROTH, LIND & PONACK, L.L.P.</u>	7. Total fee (37 C.F.R. § 3.41) \$ 40.00
Internal Address: <u>Attn: Mr. Charles R. Watts</u>	X Enclosed [Check No. 28334]
Street Address: 2033 K Street, N.W., Suite 800	Authorized to be charged to deposit account 8. Deposit account number: 23-0975
City: Washington, D.C. ZIP: 20006	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE T	HIS 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.	
Charles R. Watts, Reg. No. 33,142 Name of Person Signing Signature Total number of pa	May 5, 1998 Date ges including cover sheet, attachments, and document: 3
Mail documents to be recorded with re	THE COMMISSIONER IS AUTHORISED
Commissioner of Pater	nts and Trademarks of CHARCE ANY DEFICIENCY IN THE
V15/1998 TTOW11 00000054 09010511 Box Assign Washington, D	nments FOR THIS PAPER TO DEPOSE
FC:581 40.00 0P	

PATENT REEL: 9166 FRAME: 0338

Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consid-

	eration paid to each of the undersigned		
	Koichi HATA and Minoru ETOH		
insert Name(s) of Inventor(s)			
	х жи х		
	the undersigned hereby sell(s) and assign(s) to Matsushita Electric Industrial Co., Ltd.		
Insert Name of Assigned Address	of 1006, Oaza Kadoma, Kadoma-shi, OSAKA 571		
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 USC 100, in the invention known as		
Title of Invention	IMAGE ENCODING DEVICE AND IMAGE DECODING DEVICE		
	for which an application for patent in the United States of America has been executed by the undersigned		
Date of Signing	onJanuary 20, 1998		
of Application	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 Assignce, 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.

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 Rule of the United States Patent Office for recordation of this document.

name(s).	ted by the undersigned on the date(s) opposite the undersigned	
Date April 15, 1998	Name of InventorKuichi flata	
Date April 15, 1998,	Name of Inventor Ministellible Name of Inventor Ministellible	
	Name of Inventor	
Date,	Name of Inventor	
Date,	Name of Inventor	
Date,	Name of Inventor	
then the execution by the Inv here.)	oreferably be acknowledged before a United States Consul. If not, entor(s) should be witnessed by at least two witnesses who sign An Airana Aum chai	
ACKNOWLEDGMENT		
This	day of, 19, before me	
personally came the above-nar	ned	
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.		
SEAL	Official Signature	
	Official Title	
U. S. Application Serial No Applicant Reference Number	ny be more particularly identified as follows: , Filing Date	