

Based on FORM PTO-1595 REC (Rev. 6-93) F2-46-P 1 (01796700	U.S. DEPT. OF COMMERCE Patent & Trademark Office
To: Hon. Commissioner of Patents and Trademarks: Please	ecord the attached original document o	or copy:
Name of conveying party(ies):	2. Name and address of receiving pa	rty(ies):
Tadanori TEZUKA, Hiroyuki YOSHIDA and Bunpei TOJI	Name: <u>Matsushita Electric</u> Internal Address: Street Address: <u>1006, Oaza Kadom</u>	23
Additional names? _ Yes X No	Osaka 571-8501, JA City: State: ZIF	
3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: July 17, 2001	Additional names & addresses attach	ed? _Yes <u>X</u> No
3	Attorney Docket No.:M20 n, execution date of application is: July B. Patent No.(s): sue Date: attached?Yes _X_No	
Name and address of party to whom correspondence should be mailed:	6. Total number of applications and p	patents involved: 1
Name: Thomas R. Morrison, Esq. Internal Address: Morrison Law Firm Street Address: 145 North Fifth Avenue	7. Total fee (37 CFR 3.41): \$_40.00 X Enclosed Authorized to be charged to Dep	
City: Mount Vernon State: N.Y. ZIP: 10550	(Attach duplicate copy of page if pa account)	aying by deposit
/23/2001 RHARIS1 00000009 09908164	X Charge any additional fees in this submission to our Deposit Acc.	
	E THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing inform a true copy of the original document.	nation is true and correct and any attacl	hed copy is

Lyman H. Smith Name of Person Signing Reg. No. 44,342

> **PATENT REEL: 012019 FRAME: 0296**

Total number of pages including cover sheet, attachments, and document: 3

Attorney Docket No.: M2047-16

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Tadanori TEZUKA, Hiroyuki YOSHIDA and Bunpei TOJI

hereby sells, assigns, and transfers to Matsushita Electric Industrial Co., Ltd.

a corporation of Japan,

having a place of business at 1006, Oaza Kadoma, Kadoma-Shi, Osaka 571-8501, Japan

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, including the right to claim priority, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which:

X has been executed by the undersigned concurrently herewith.

X has been exec	uted by the undersigned concurrently herewith,
was filed on _	as Application Serial No.
Attorney Docket No.	M2047 16 , and is entitled:

DISPLAY METHOD BY USING SUB-PIXELS

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements, together with the right to sue for past damages, if any:

Agree(s) that said Assignee may apply for and receive Letters Fatent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating

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PATENT REEL: 012019 FRAME: 0297 to said improvements and the history thereof, and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant(s) with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. I/We hereby authorize my/our attorneys, authorized to prosecute said application to insert the filing date and serial number of the said application as soon as it is known.

The undersigned declare(s) further that all statements made herein of his/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this assignment, patent or patent application and any patent issuing thereon.

17 / 7 / 2-00/ Date

Bunper Toji
Bunper TOJI (Signature)

17 / 7 / 2001 Date

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RECORDED: 07/18/2001

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