08-25-2003 ECORDATION FORM ARTMENT OF COMMERCE FORM PTO-1595 (modified) ent and Trademark Office **PATENTS** To the Honorable Assistant Secreta 102535001 Commissioner of Patents and riginal document(s) or copy(ies) thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Jun IKEDA, Shuichi OJIMA, Tsuyoshi HIRASHIMA, Name: Matsushita Electric Industrial Co., Ltd. Ryouta HATA, Shinya KIUCHI Street Address: 1006, Oaza Kadoma, Kadoma-Shi, Additional name(s) of conveying party(ies) attached? No Osaka, 571-8501, Japan 3. Nature of conveyance: X Assignment Merger Additional name(s) & address(es) attached? No Security Agreement Change of Name Other Execution Date: June 5, 2003 A. 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: Patent Application No.(s) B. Patent No.(s) 10/447,238, filed May 29, 2003 Additional numbers attached? No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: Name: WENDEROTH, LIND & PONACK, L.L.P. 7. Total fee (37 CFR 3.41). \$40.00 Attn: Jeffrey R. Filipek, Esq. (Check No. 57192) X Enclosed Street Address: 2033 K Street, N.W., Suite 800 Authorized to be charged to deposit account 8. Deposit account number: 23-0975 City: Washington, State: DC ZIP: 20006-1021 (Attach duplicate copy of this page if paying by deposit account) 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. Jeffrey R. Filipek, Reg. No. 41,471 August 19, 2003 Name of Person Signing Date Total number of pages including cover sheet: 4 OMB No. 0651-0011 (exp. 4/94) Do not detach this portion Mail documents to be recorded with required cover sheet information: Commissioner and Assistant Secretary of Patents and Trademarks **Box Assignments** 00000021 10447238 04/22/2003 DBYRNE Washington, D.C. 20231 40.00 00 Full C burden reporting for this sample/cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and dathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and the Qffice of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

THE COMMISSIONER IS AUTHORIZED TO CHARGE ANY DEFICIENCY IN THE FEES FOR THIS PAPER TO DEPOSIT ACCOUNT NO. 23-0975

Attorney Docket No.: 2003_0681A/JRF/01903

ASSIGNMENT

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

Jun IKEDA, Shuichi OJIMA, Tsuyoshi HIRASHIMA, Ryouta HATA and Shinya KIUCHI

hereby sells, assigns, as a corporation of	nd transfers to Matsushita El f Japan,	ectric Industrial Co., Ltd.
-	•	doma, Kadoma-Shi, Osaka, 571-8501,
Japan,		
United States and all fo	oreign countries, including the	es, the entire right, title and interest for the right to claim priority, in and to any and all for United States Letters Patent, which:
has been execu	ted by the undersigned concur	rently herewith,
was filed on	as Application Serial No,	
Attorney Docket No.	2003_0681A/JRF/01903	and is entitled.

IMAGE DISPLAY METHOD AND APPARATUS

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PATENT REEL: 014408 FRAME: 0313 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 Patent 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 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.

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	署名日(日/月/年)
Jun Ikeda	5/6/2003
Jun IKEDA (Signature)	Date(D/M/Y)
尾島様	署名日(日/月/年)
Shuiki Ojima	5/6/2003
Shuichi OJIMA (Signature)	Date(D/M/Y)
平島様	署名日(日/月/年)
Jsuyoshi Hirashima	5/6/2003
Tsuyoshi HIRASHIMA (Signature)	Date(D/M/Y)
畑様	署名日(日/月/年)
Ryouta Hata	5/6/2003
Ryouta HATA (Signature)	Date(D/M/Y)
木内様	署名日(日/月/年)
Shinya Kinchi	5/6/2003
Shinya KIUCHI (Signature)	Date(D/M/Y)

RECORDED: 08/19/2003