

05-07-2001

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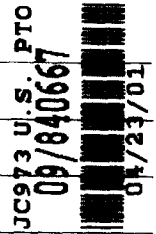
1. Name of conveying party(ies): 04/23/01
Kazuhiro Yamada
Isao Kawahara

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: Matsushita Electric Industrial Co., Ltd.
Address: 1006, Oaza Kadoma, Kadoma-shi

City: Osaka-fu 571-8501 State/Prov.: _____
Country: Japan ZIP: _____

Additional name(s) & address(es) Yes No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: April 12, 2001

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: April 12, 2001

Patent Application No. Filing date B. Patent No.(s)

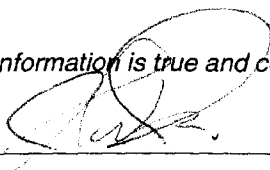

(05/04/2001 6TON11 00000103 162462 09840667) 09/840667
01 FC:581 40.00 CH Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Joseph W. Price
Registration No. 25,124
Address: PRICE and GESS
2100 S.E. Main Street, Suite 250

City: Irvine State/Prov.: CA
Country: USA ZIP: 92614

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account
8. Deposit account number:
16-2462

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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.
Joseph W. Price  April 23, 2001
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and 

ASSIGNMENT

WHEREAS, we, Kazuhiro YAMADA, and Isao KAWAHARA

citizens of Japan, have invented certain new and useful improvements in an GRAY-SCALE IMAGE DISPLAY DEVICE THAT CAN REDUCE POWER CONSUMPTION WHEN WRITING DATA

for which we have executed application for Letters Patent of the United States, on even date herewith,

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, Japan, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

NOW, THEREFORE, in consideration of the sum of One Hundred Yen (100 ¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Kazuhiro YAMADA, and Isao KAWAHARA

have sold, assigned, transferred and set over, unto said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patents which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its

successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 12th day of April, 2001.

Kazuhiro Yamada
Kazuhiro YAMADA

IN TESTIMONY WHEREOF, I hereunto set my hand this 12th day of April, 2001.

Isao Kawahara
Isao KAWAHARA

IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of _____, .

IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of _____, .

IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of _____, .
