)/500143 Form PTO-1595 U.S. Department of Commerce 11-22-2004 REC ONLY Patents & Trademark Office DT04 Rec'd PCT/PT0 0.8 JUL 2004 Date: July 8, 2004 102886691 the Assistant Commissioner of Patents Please record the attached original documents or copy thereof 1. Name of conveying party(ies) 2. Name and address of receiving party(ies): 1. Satoshi MORITA Name: SANYO ELECTRIC CO., LTD. 2. Shinichiro TANAKA 3. Osamu KOBAYASHI Address: 5-5, Keihanhondori 2-chome, Moriguchi-Shi, Osaka 570-0083 Japan Additional name(s) of conveying party(ies) attached? ☐ Yes ⊠ No and Name: TOTTORI SANYO ELECTRIC CO., LTD. 3. Nature of conveyance: Address: 201, Minamiyoshikata 3-chome, ☐ Merger Tottori-Shi, Tottori 680-8634 Japan ☐ Security Agreement ☐ Change of Name Other Execution Date: May 28, 2004 Additional name(s) & address(es) attached? ☐ Yes ☑ No 4. 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: May 28, 2004 B. Patent No.(s) A. Patent Application No.(s) **NEW PATENT APPLICATION** Additional numbers attached?

Yes ⊠ No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: <u>One</u> Name: ARENT FOX PLLC 7. Total fee (37 CFR 3.41): \$40.00 Street Address: 1050 Connecticut Avenue, NW Included in attached check number 407574. Suite 400 Washington, DC 20036-5339 Any additional fees are authorized to be charged to deposit account 07/14/2004 SNAJARRO 00000124 10500143 8. Deposit account number: 01-2300 40.00 QP (Attach duplicate copy of this page if paying by 04 FC:8021 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.

Registration Number 25,895
Tota

Total number of pages including cover sheet, attachments, and document: 2

Charles M. Marmelstein

Name of Person Signing

July 8, 2004

Date

ARENT FOX KINTNER PLOTKIN & KAHN, PLLO
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert ASSIGNEE's Name(s) Address(es)] Sanyo Electric CO., LTD. 5-5, Keihanhondori 2-chome, Moriguchi-Shi, Osaka 570-0083 JAPAN and Tottori Sanyo Electric CO., LTD. 201, Minamiyoshikata 3-chome, Tottori-Shi, Tottori 680-8634 JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention]

DISPLAY DEVICE

[*If the assignment is being filed after the filing of the application, this section must be completed] for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on ______ , Serial No.

(Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

Satoshi MORITA	Satoshi MORITA	May 28,2004
(SIGNATURE)	(TYPE NAME)	(DATE)
Shinichino TANAKA	Shinichiro TANAKA	May 28,2004
(SIGNATURE)	(TYPE NAME)	(DATE)
Osamu KOBAYASHI	Osamu KOBAYASHI	May 28,2004
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT
RECORDED: 07/08/2004 REEL: 015995 FRAME: 0322