

RECORDATION FORM COVER SHEET PATENTS ONLY

(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) M&G- 10873.965U\$WQ

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Yoshinori Tanaka (June 13, 2002) Shoichi Ishihara (June 17, 2002) Kenji Nakao (July 4, 2002) Keisuke Tsuda (July 4, 2002) Junichi Kobayashi (July 2, 2002) Tsuyoshi Uemura (July 11, 2002) Daiichi Suzuki (July 2, 2002) 2. Name and address of receiving party(ies): Matsushita Electric Industrial Co., Ltd. 1006-banchi Oaza-kadoma Kadoma-shi Osaka 571-8501 Japan

3. Nature of conveyance: [X] Assignment [] Security Agreement [] Other [] Mergér [] Change of Name Additional name(s) of conveying party(ies) attached? [] Yes [X] No Additional name(s) & address(es) attached? [] Yes [X] No

Execution Date: See above

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: A. Patent Application No.(s) 10/168,705 B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed: Douglas P. Mueller Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903 6. Total number of applications and patents involved: 15 7. Total fee (37 CFR 3.41): \$40.00 [] Enclosed [X] Authorized to be charged to deposit account 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725



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. Douglas P. Mueller Name of Person Signing [Signature] Signature September 24, 2002 Date Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this document as described herein, is being transmitted via facsimile to the United States Patent and trademark Office to: 703.306.5995 on September 25, 2002. Name Hicham Bichara [Signature]

Public 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 gathering 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 to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

INSTRUCTIONS

ASSIGNMENT OF U.S. RIGHTS TO CORPORATION

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Yoshinori TANAKA residing at 5-17, Kuzuhamisaki 2-chome, Hirakata-shi, Osaka 573-1112, JAPAN and a citizen of JAPAN;
2. Shoichi ISHIHARA residing at 1-34-8, Amanogahara-cho, Katano-shi, Osaka 576-0034, JAPAN and a citizen of JAPAN;
3. Kenji NAKAQ residing at 27-1-505, Takadono 3-chome, Asahi-ku, Osaka-shi, Osaka 535-0031, JAPAN and a citizen of JAPAN;
4. Keisuke TSUDA residing at 16-36-815, Yokomiyamachi, Nonoichimachi, Ishikawa-gun, Ishikawa 921-8817, JAPAN and a citizen of JAPAN;
5. Junichi KOBAYASHI residing at 95-2-306, Inari 2-chome, Nonoichimachi, Ishikawa-gun, Ishikawa 921-8805, JAPAN and a citizen of JAPAN;
6. Tsuyoshi UEMURA residing at 16-3-321, Joshoji-cho, Kadoma-shi, Osaka 571-0063, JAPAN and a citizen of JAPAN;
7. Daiichi SUZUKI residing at 93-1-207, Inari 2-chome, Nonoichimachi, Ishikawa-gun, Ishikawa 921-8805, JAPAN and a citizen of JAPAN;

Date Patent Declaration
Signed and Title Serial
No. and filing date (if
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on for this invention, which application is entitled **LIQUID CRYSTAL DISPLAY AND METHOD FOR MANUFACTURING THE SAME** and which has been given Serial No. ___ and the filing date of ___;

Name of Corporation

AND WHEREAS Matsushita Electric Industrial Co., Ltd. (herein called "ASSIGNEE"), a corporation organized under the laws of JAPAN, and having an office and place of business at 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date

Note: No legalization or other witness required

Signature	<u>Yoshinori Tanaka</u>	Date	<u>June 13, 2002</u>
Signature	<u>Shoichi Ishihara</u>	Date	<u>June 17, 2002</u>
Signature	<u>Kenji Nakao</u>	Date	<u>July 4, 2002</u>
Signature	<u>Keisuke Tsuda</u>	Date	<u>July 4, 2002</u>
Signature	<u>Junichi Kobayashi</u>	Date	<u>July 2, 2002</u>
Signature	<u>Tsugoshi Uemura</u>	Date	<u>June ¹¹ 6, 2002</u>
Signature	<u>Daiichi Suzuki</u>	Date	<u>July 2, 2002</u>