

FORM PTO-1595  
P21199.P02

08-27-2001

09/868660

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
JUL 05 2001  
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101823053

To the Honorable Commissioner

1. Name of Conveying party(ies):

Shigeo KIGO  
Hidehiko SHOJI  
Jumpei HASHIGUCHI

07/05/01

Additional name(s) of conveying party(ies) attached?  Yes  No

Name of receiving party(ies)

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501

JAPAN

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP \_\_\_\_\_

Additional name(s) and address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: June 27, 2001

4. Application number(s) or patent number(s):

09/868660

If this document is being filed together with a new application, the execution date of the application is: June 27, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached:  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Bruce H. Bernstein

Internal Address: P21199

07/09/2001 UEDUVIJE 00000166 09868660

02 FC:581 40.00 DP

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1941 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

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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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

[Signature] Signature

7/5/01

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 & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 012093 FRAME: 0351

**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

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of 1006, Oaza Kadoma, Kadoma-shi,  
Osaka 571-8501 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

DRIVING CIRCUIT AND DISPLAY DEVICE

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_.

(GREENBLUM & BERNSTEIN, P.L.C. 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, divisional, 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 the application and any continuation, 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, divisional, 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.

