

07-24-1998

ADR 10/27/97

Form PTO-1595
1-31-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Q-45410

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

1. Name of conveying party(ies):

Hideya MURAI

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?

Name: NEC CORPORATION

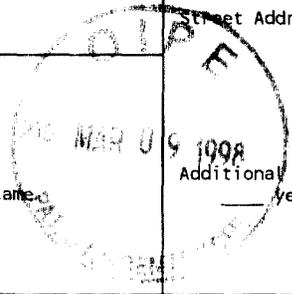
Street Address: 7-1, Shiba 5-chome
Minato-ku, Tokyo, Japan

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached?
 yes no

Execution Date: May 9, 1997



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)

08/855,992

B. Patent No(s).

Additional numbers attached? Yes No

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

J. Frank Osha, Esq.
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.

Authorized to be charged to Deposit Account

8. Deposit Account No.

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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.

J. Frank Osha # 24513 for
J. Frank Osha Reg. No. 24,625

October 27, 1997
Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

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

00000004 MURAI H 40.00 OF
12/10/1997 T1011 01 FEB 98

Assignment

Whereas, I/~~We~~, HIDEYA MURAI of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

LIQUID CRYSTAL DISPLAY APPARATUS HAVING HIGH WIDE VISUAL ANGLE AND HIGH CONTRAST

and executed an application for Letters Patent of the United States of America therefor on May 9, 1977; and

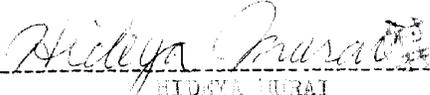
Whereas, NEC Corporation
7-1, Shiba 5-chome, Minato-ku,
Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt where of is hereby acknowledged,

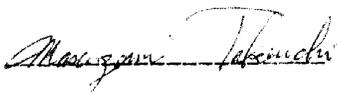
I/~~We~~, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S. Code 119, and I/~~We~~ request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/~~We~~ will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Signed at Tokyo, Japan on May 9, 1977


HIDEYA MURAI

Witness

Date


MAY 9 1977


MAY 9 1977

PATENT

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. 261)
(Form for foreign applicants from Convention Countries)

PATENT APPLICATION

IN THE UNITED STATES AND TRADEMARK OFFICE

In re application of

Hideya **MURAI**

Appln. No.: 08/855,992

Group Art Unit: 2515

Filed: May 14, 1997

Examiner:

For: LIQUID CRYSTAL DISPLAY APPARATUS HAVING HIGH WIDE
VISUAL ANGLE AND HIGH CONTRAST

RESUBMISSION OF ASSIGNMENT DOCUMENT

MRD
3.9.98

ASSIGNMENT BRANCH

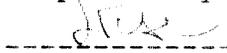
Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sirs:

In response to a communication received from the U.S. Patent and Trademark Office (copy attached), the executed Assignment is being resubmitted herewith for recordation. The PTO Form 1595 which bears the original indication of payment for the Assignment Recordation is submitted herewith. Please note that the PTO Form 1595 now identifies the application number.

After recordation, please return the Assignment to the undersigned.

Respectfully submitted,



J. Frank Osha
Registration No. 24,625

SUGHRUE, MION, ZINN,
MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3202
Phone: (202) 293-7060
Fax: (202) 293-7860

Date: 



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ANGLE AND HIGH CONTRAST

SECOND RESUBMISSION OF ASSIGNMENT DOCUMENT

ASSIGNMENT BRANCH

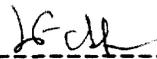
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After recordation, please return the Assignment to the undersigned.

Respectfully submitted



J. Frank Osha
Registration No. 24,625

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Date: **JUL 16 1998**