

10/29/01 RE

02-06-2002



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Tab settings

To the Honorable Commissioner of Patents & Trademarks, U.S. Department of Commerce, Washington, DC 20530. Please return the attached original documents or copy thereof.

1. Name of conveying party(ies):
Kimikazu MATSUMOTO

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

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

Name: **NEC Corporation**

Address: **7-1, Shiba 5-chome**

City: **Minato-ku**

State/Prov.: **Tokyo**

Country: **JAPAN**

ZIP:

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

JCS978 U.S. PTO
10/055127
10/29/01

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: **October 5, 2001**

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

If this document is being filed together with a new application, the execution date of the application is: **October 5, 2001**

Patent Application No.

Filing date

B. Patent No.(s)

01/30/2002 VTRUON61 00000001 10055127

02 FC:581

40.00 OP

Additional numbers

Yes No

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

Name: **Norman P. Soloway**

Registration No. **24,315**

Address: **Hayes, Soloway, Hennessey, Grossman & Hage PC**

175 Canal Street

City: **Manchester**

State/Prov.: **NH**

Country: **USA**

ZIP: **03101**

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:

08-1391

(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.

Norman P. Soloway

Name of Person Signing

Signature

October 29, 2001

Date

3

Total number of pages including cover sheet, attachments, and

ASSIGNMENT

FOREIGN - IN THE UNITED STATES OF AMERICA

I/~~we~~, KIMIKAZU MATSUMOTO

of Tokyo, Japan

having invented certain inventions and improvements in IN-PLANE SWITCHING MODE ACTIVE MATRIX LIQUID CRYSTAL DISPLAY PANEL HAVING HIGHLY RESISTIVE LAYER INSERTED IN GAP BLACK MATRIX AND COLOR FILTERS AND PROCESS FOR FABRICATION THEREOF

and having executed an application for Letters Patent of the United States of America describing the same and based thereon on

October 5, 2001, for good and valuable consideration, the receipt of which is hereby acknowledged, from NEC Corporation,

a Japanese corporation having its principal place of business at

7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan (hereinafter

called the Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns our entire rights, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications, and any patent which may be issued on the said invention in the United States of America.

And for the same consideration, I/we do hereby agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application.

And I/we do hereby authorize the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee.

And I/we do hereby jointly and severally covenant for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our rights, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I/we have hereunto set our hands and seals on the day and year hereinafter noted.

Sole or First

Inventor's signature Kimikazu Matsumoto  Date 10/5/2001

Full name (typed or printed) KIMIKAZU MATSUMOTO

Witness: Detachi Ukai

Date: 10/5/2001

Witness: [Signature]

Date: 10/5/2001

Second Inventor's

signature _____ Date _____

Full name (typed or printed) _____

Witness: _____

Date: _____

Witness: _____

Date: _____

Third Inventor's

signature _____ Date _____

Full name (typed or printed) _____

Witness: _____

Date: _____

Witness: _____

Date: _____