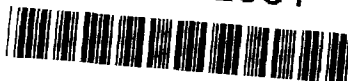


03-21-2001

SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101642367

To the Hon. Commissioner of Patents &amp; Trademarks: Please receive the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Yutaka TAKEISHI and  
Ikuo SHIRAISHIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Dates: March 5, 2001

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

Name:  
NEC CORPORATIONStreet Address:  
7-1, Shiba 5-chome  
Minato-ku  
Tokyo, Japan

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

If this document is being filed together with a new application, the execution dates of the applications are: March 5, 2001

A. Patent Application No(s).

B. Patent No(s).

09801900

Additional numbers attached? ☐ Yes ☒ No

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

YOUNG & THOMPSON  
Second Floor  
745 South 23rd Street  
Arlington, VA 22202

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41).....\$ 40

- ☒ Enclosed  
☐ Authorized to be charged to  
deposit account

## 8. Deposit Account No. 25-0120

(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.

Rhonda Desper  
Name of Person SigningRhonda Desper  
SignatureMarch 9, 2001  
DateTotal number of pages including cover sheet: **[2]**

03/12/2001 NPRASASO 00000030 09801900

04 FC:581

40.00 OP

ASSIGNMENT

WHEREAS, I (we), YUTAKA TAKEISHI AND IKUO SHIRAISHI, hereinafter referred to as "applicant(s)", has(have) invented certain new and useful improvement in

SIGNAL PROCESSING SUBSTRATE USED FOR LIQUID CRYSTAL DISPLAY UNIT  
AND METHOD OF ASSEMBLING THE SAME

for which

[ ] I(we) am(are) about to make application for Letters Patent of the United States of America,

[ ] an application for a United States patent was filed on  
Application No. , and

WHEREAS, NEC Corporation, of 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, hereinafter referred to as "assignee", is desirous of acquiring the entire right, title and interest in and to the same;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicants, by these presents, do hereby sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term of which said patents may be granted, as fully and entirely as the same would have been held by applicants had this assignment and sale not been made.

Applicant(s) hereby authorizes and requests the Commissioner of Patent and Trademarks to issue and said United States patents to said assignee.

Date: March 5, 2001

Yutaka Takeishi (武石)  
Yutaka TAKEISHI

Date: March 5, 2001

Ikuo Shiraishi (石)  
Ikuo SHIRAISHI

Date: \_\_\_\_\_

Witness: \_\_\_\_\_

[Signature]  
[Signature]