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To The Commissioner of Patents and Trademarks: please record the attached original document or copy thereof.

1. Name of conveying party(ies): **4-17-00**  
Akihiko Ito  
Shoichi Iino

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

3. Nature of Conveyance:

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

Execution Date: December 9, 1993 and December 9, 1993 respectively **TO CORRECT ASSIGNEE**

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

Name: **Seiko Epson Corporation**

Internal Address:

Street Address:

**4-1 Nishishinjuku 2-Chome, Shinjuku-ku,  
Tokyo-to, Japan**

Additional name(s) and addresses attached?  
☐ Yes ☒ No

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).  
08/148,083

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Intellectual Property Department  
Epson Research And Development Inc.  
225 Baypointe Parkway  
San Jose, CA 95134

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. **(CFC)**

8. Deposit Account Number: 19-2746

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9. Statement and signature.

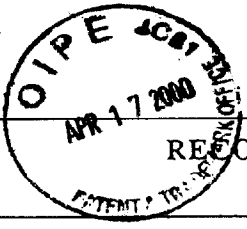
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**Eric B. Janofsky**  
Registration No. 30,759

Date: September 23, 1998

Total number of pages including cover sheet, attachments and document:

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Patent and Trademark Office

P1860b

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

(1) Name of conveying party(ies):

Akihiko Ito  
Shoichi Iino

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

(3) Nature of conveyance: 19

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

Execution Date: December 9, 1993

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

Name: S-MOS Systems, Inc.

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

Street Address: 2460 N. First St.

City: San Jose State: CA Zip: 95131

Additional name(s) address(es) attached? ☐ Yes ☒ No

(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)  
08/148,083

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

W. Douglas Carothers, Jr.  
S-MOS Systems, Inc.  
2460 North First St.  
San Jose, CA 95131-1002

(6) Total number of applications and  
patents involved: 1

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

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☒ Authorized to be charged to deposit  
account

(8) Deposit account number: 19-2746

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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 copy  
is a true copy of the original document.

Eric B. Janofsky  
Name of Person Signing

Reg. No.: 30,759

Signature

January 4, 1994

Date

(10) Total number of pages including cover sheet, attachments and document:

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,

Akihiko Ito, Shoichi Iino

who have created a certain invention for which an application for United States Letters Patent has been filed on the 4<sup>th</sup> day of November, 1993, Serial No. 08/148,083, and entitled:

**A DRIVE METHOD, A DRIVE CIRCUIT AND A DISPLAY DEVICE FOR LIQUID CRYSTAL CELLS**

Do hereby sell, assign and transfer to **SEIKO EPSON CORPORATION**, a corporation of Japan, having a place of business at 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo-to, Japan, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **SEIKO EPSON CORPORATION**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been 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 I/WE have hereunto set MY/OUR signature seal on the date indicated below.

Date: December 9, 1993

Akihiko Ito  
Akihiko Ito

Date: December 9, 1993

Shoichi Iino  
Shoichi Iino

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JAN -7 1994

Takeshi Yamaguchi

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