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S-MOS Systems, Inc.
Additional name(s) of conveying party(ies) attached? yes no

2. Name and address of receiving party(ies):
Name: **Seiko Epson Corporation**
Street Address: **4-1 Nishishinjuku 2-chome, Shinjuku-ku**

3. Nature of Conveyance:
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Execution Date: **September 13, 1994**

City: **Tokyo** State: _____ Zip Code: _____
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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)
10/060,086 (.0600007)

B. Patent No.(s)
5,560,035 (.0600001)
5,682,546 (.0600002)
5,838,986 (.0600003)
6,044,449 (.0600004)
6,249,856 (.0600005)

Additional numbers attached? yes no

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Sterne, Kessler, Goldstein & Fox P.L.L.C.**
Internal Address: **c/o Thomas C. Fiala**
Street Address: **1100 New York Ave., N.W.**
City: **Washington** State: **D.C.** Zip Code: **20005-3934**

6. Total number of applications and patents involved: 6
7. Total fee (37 C.F.R. 3.41)..... \$240.00
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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.

Name of Person Signing: **Thomas C. Fiala** Signature: _____ Date: **12/12/03**
Registration No. **43,610**

Total number of pages including cover sheet, attachments and document **4**

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OP \$240.00 10060086

ASSIGNMENT
Corporate

S-MOS SYSTEMS, INC., a California corporation, having a principal place of business at 2460 North First Street, San Jose, California 95131-1002 (hereafter the "Assignor"), is the owner by respective assignments of United States patent applications identified below (hereafter sometimes called the "Patent Applications").

SEIKO EPSON CORPORATION, a corporation of Japan, having a place of business at 4-1 Nishishinjuku 2-chome, Shinjuku-ku Tokyo-to, Japan (hereafter the "Assignee"), desires to acquire all of the rights to the Patent Applications and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to it, Assignor hereby sells and assigns to the Assignee the entire right, title and interest in and to the Patent Applications identified below, and all inventions described and claimed therein, in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters Patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this assignment and sale not been made.

<u>S-MOS Case No.</u>	<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>
SP018			07/726,773	07/08/91	RISC Microprocessor Architecture Implementing Multiple Typed Register Sets
SP059	5,251,164	10/5/93	07/887,511	05/22/92	Low-Power Area-Effect Absolute Value Arithmetic Unit
SP001	5,214,320	5/25/93	07/897,729	06/12/92	System and Method for Reducing Ground Bounce in Integrated Circuit Output Buffer
SP036			07/954,084	09/29/92	System and Method for Handling Load and/or Store Operations in a Superscalar Microprocessor
SP084			07/968,901	10/30/92	Polygon Rasterization
SP075			07/972,699	11/06/92	System and Method for Synchronizing Processors in a Parallel Processing Environment
SP080			07/973,344	11/09/92	Context Switching System and Method
SP079			07/980,060	11/23/92	A Microcode Cache System and Method
SP087			07/993,736	12/17/92	Graphics Control Planes for Windowing and Other Display Operations

<u>S-MOS Case No.</u>	<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Serial No.</u>	<u>Filing Date</u>	<u>Title</u>
SP026			07/997,943	12/31/92	System and Method for Controlling the Input and Output of Data Between a Host Processor and an I/O Device
SP078			07/997,947	12/31/92	Data Path Sea of Gates
SP086			07/999,648	12/31/92	System and Method for Assigning Tags to Instructions to Control Instruction Execution
SP088			07/997,948	12/31/92	System and Method for Register Renaming

By its undersigned representative, the Assignor agrees

- a. to execute all papers necessary in connection with the Patent Applications and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient;
- b. to execute all papers necessary in connection with any interference which may be declared concerning the Patent Applications or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference; and
- c. to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee on any of the Patent Applications and on any continuation, division, reissue or reexamination of any of the Patent Applications.

The Assignor hereby covenant(s) that it has the full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

For submission on behalf of S-MOS SYSTEMS, INC., the undersigned, whose title is supplied below, is empowered to act on behalf of the Assignee.

In accordance with 37 CFR 3.73 the Assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of Assignee's knowledge and belief, title is in the Assignee seeking to take this action.

Assignor and Assignee hereby grant W. Douglas Carothers, Jr., Registration No. 22,024; Eric B. Janofsky, Registration No. 30,759; and Harold T. Tsiang, Registration No. 35,721, of S-MOS SYSTEMS, INC., 2460 North First Street, San Jose, California, 95131 and Robert Greene Sterne, Registration No. 28,912; Edward J. Kessler, Registration No. 25,688; Jorge A. Goldstein, Registration No. 29,021; and Samuel L. Fox, Registration No. 30,353, of STERNE, KESSLER, GOLDSTEIN & FOX, 1225 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the undersigned's name.

S-MOS SYSTEMS, INC.

By: [Signature]

Dan Hauer
Print Name

President
Title

Sept. 13, 1994
Date

WITNESS:

By: [Signature]

Eric B. Janofsky
Print Name

Patent Attorney
Title

Sept 13, 1994
Date