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(Rev. 6-93)



U.S. DEPARTMENT OF COMMERCE
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To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
DAVID B. GUSTAVSON

MRD
6-26-98

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

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

Internal Address:

Street Address: c/o Morrison & Foerster LLP
ATTN: Paul L. Lion III, Esq.
755 Page Mill Road

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

City: Palo Alto State: California ZIP: 94304-1018

Execution Date: June 18, 1998

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) 08/909,299

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James F. Kurkowski
TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(650) 326-2400

6. Total number of applications and patents involved: 1

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

- Enclosed
- Charge Fees to Deposit Account
- Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account

8. Deposit account number: 20-1430

(07/10/1998 TTOM11 00000130 201430 0899299)
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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.

James F. Kurkowski
Name of Person Signing

J. F. Kurkowski
Signature

June 23, 1998
Date

Atty. Reg. No. 35,923

Total number of pages including cover sheet, attachments, and document: 3

10. Change Correspondence Address to that of Part 5? Yes No

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

Mail documents to be recorded with required cover sheet information to:

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Asst. Commissioner for Patents
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ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, **DAVID B. GUSTAVSON** of **1946 Fallen Leaf Lane, Los Altos, California, 94024-7206**, hereinafter referred to as "Assignor," is a co-inventor (along with David V. James and Hans A. Wiggers) of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **BIFURCATED DATA AND COMMAND/ADDRESS COMMUNICATION BUS ARCHITECTURE FOR RANDOM ACCESS MEMORIES EMPLOYING SYNCHRONOUS COMMUNICATION PROTOCOLS**

Filing date: August 11, 1997 Application No.: 08/909,299; and

WHEREAS, **SLDRAM, INC.**, a California Nonprofit Mutual Benefit Corporation, with a principal executive office c/o Morrison & Foerster LLP, Attn.: Paul L. Lion III, Esq., 755 Page Mill Road, Palo Alto, California, 94304-1018, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.