

07-26-1999

RECORDAT  
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To the Honorable Commissioner of Patents and Trademarks.

or copy thereof.

1. Name of conveying party(ies):

Borkenhagen, John M.  
Fagemess, Gerald Gregory  
Inish, John David  
Krolak, David John.

Additional names of conveying party(ies) attached?

yes  no

7-22-99

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

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City Armonk

State New York Zip 10504

Additional name(s) & address(es) attached?  yes  no

3. Nature of Conveyance

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: 06/25/99, 07/06/99, 06/23/99, 06/29/99

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

TITLE: **A PROGRAMMABLE SRAM AND DRAM CACHE INTERFACE**

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

A. Patent Application No(s).

09/329,134

B. Patent No(s).

Additional numbers attached?  Yes  No

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

Roy W. Truelson  
IBM Corporation - Dept. 917  
3605 Highway 52 North  
Rochester, MN 55901-7829

6. Total number of applications and patents involved: 1

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

Enclosed  
 Authorized to be charged to deposit account  
 Total fee due  
 Any deficiencies in the enclosed fees

8. Deposit account number:

09-0465

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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.

Roy W. Truelson, Reg. No. 34,265  
Name of Person Signing

[Signature]  
Signature

7/19/99  
Date

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Total number of pages comprising cover sheet: 1

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**ASSIGNMENT**

Whereas, we

- |     |                          |  |
|-----|--------------------------|--|
| (1) | John M. Borkenhagen      | City of Rochester<br>and State of Minnesota    |
| (2) | Gerald Gregory Fagerness | City of Mazeppa<br>and State of Minnesota      |
| (3) | John David Irish         | City of Rochester<br>and State of Minnesota    |
| (4) | David John Krolak        | City of Dodge Center<br>and State of Minnesota |

have invented certain improvements in an:

**A PROGRAMMABLE SRAM AND DRAM CACHE INTERFACE**

and executed, respectively, a United States patent application therefor on

- |     |          |      |     |          |       |
|-----|----------|------|-----|----------|-------|
| (1) | June 25, | 1999 | (2) | July 6,  | 1999  |
| (3) | June 23, | 1999 | (4) | June 29, | 1999. |

And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, We, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States application, and We request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and We hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) at Rochester, Minnesota  
on June 25, 1999

John M. Borkenhagen Signature  
( John M. Borkenhagen ) Inventor  
First Name Middle Last Name

(2) at Rochester, Minnesota  
on July 6, 1999

Gerald G. Fagerness Signature  
( ~~Kevin~~ ~~XXXX~~ ~~XXXXXX~~ ~~Gibson~~ ) Inventor  
First Name Middle Last Name  
Gerald G. Fagerness

(3) at Rochester, Minnesota  
on June 23, 1999

John D. Irish Signature  
( John D. Irish ) Inventor  
First Name Middle Last Name

(4) at Rochester, Minnesota  
on June 29, 1999

David J. Krolak Signature  
( David J. Krolak ) Inventor  
First Name Middle Last Name