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

1. Toshio Sunaga
2. Shinpei Watanabe

Name: **International Business Machines**

Address: **New Orchard Road**

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

City: **Armonk**

State/Prov.: **NY**

Country: **USA**

ZIP: **10504**

Execution Date: **11/18/99, 11/22/99**

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **11/18/99, 11/22/99**

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: **Robert A. Walsh**

Registration No. **26,516**

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TEL. NO.: **(802) 769-9521**

City: **Essex Junction**

State/Prov.: **VT**

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ZIP: **05452**

6. Total number of applications and patents involved: **1**

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

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**ASSIGNMENT****Whereas, we**

Inventor(s) (1) Toshio Sunaga City of Ohtsu-shi, Shiga-ken  
and City and State of Japan

and (2) Shinpei Watanabe City of Yokohama-shi, Kanagawa-ken  
and State of Japan

have invented certain improvements in

Title SDRAM and Method for Data Accesses of SDRAM

Dates That and have executed, respectively, a United States patent application therefor on

Inventors (1) NOV. 18, 1999 1999, and (2) NOV. 22, 1999.

Signed the Declaration

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 and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application 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.

City (1) Signed at YASU  
Date on NOV. 18, 1999  
signature

( Toshio Sunaga ) inventor  
First Name Middle Initial Last Name

City (2) Signed at YASU  
Date on NOV. 22, 1999  
inventor

( Shinpei Watanabe ) signature  
First Name Middle Initial Last Name