

03-12-1999

MPO 2-26-99



To the Honorable Commissioner of Patents and

100981793

all documents or copy thereof.

1. Name of conveying party(ies):

Makoto Ueda

Additional names of conveying party(ies) attached?

yes no

3. Nature of Conveyance

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

Execution Date: February 26, 1999

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

100542 U.S. PTO
09/258366

02/26/99

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

Title: **A DRAM ACCESS METHOD AND A DRAM CONTROLLER USING THE SAME**

If this document is being filed together with a new application, the execution date of the application is February 26, 1999

A. Patent Application No(s).

09/258366

B. Patent No(s).

Additional numbers attached? Yes No

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

Robert A. Walsh
IBM Corporation
Intellectual Property Law Dept. 972-2
1000 River Road
Essex Junction, VT 05452

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:

09-0456

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 as 'Express Mail Post Office to Addressee:

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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.

Robert A. Walsh
Name of Person Signing
Registration #26, 516 Tel.: (802) 769-9521

Robert A. Walsh
Signature

2/26/99
Date

Total number of pages comprising cover sheet and attachments: 2

(IBM Docket No.: JAS-97-190)

ASSIGNMENT

Whereas, we

Inventor
and City

(1) Makoto Ueda

City of Shiga-ken, Japan

have invented certain improvements in

Title:

A DRAM ACCESS METHOD AND A DRAM CONTROLLER USING THE SAME

Dates That
Inventors
Signed the
Declaration

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

(1) 1999.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10604, (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 Shiga-ken, Japan
Date on

Makoto Ueda 2/26/99
signature
(Makoto Ueda) inventor
First Name Middle Initial Last Name