

09-21-1999

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101149882

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nobuya Matsubara  
Naoyuki Kagami  
Akira Tokizono

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

Name: International Business  
Machines Corporation

Street Address: New Orchard Road  
City: Armonk State: NY ZIP: 10504

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

Additional name(s) & address(es) attached? Yes XX No

3. Nature of conveyance:

09391850

XX Assignment

Execution Date: 8/25/99, 8/30/99, 8/25/99

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: 8/25/99, 8/30/99, 8/25/99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes XX No

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

Name: IBM Corporation  
Internal  
Address: Intellectual Property Law  
Street  
Address: 5600 Cottle Road (L2PA/0142)  
San Jose, CA 95193

6. Total Number of applications and patents involved One

7. Total fee (37 CFR 3.41).....\$ 40.00  
Enclosed  
XX Authorized to be charged to deposit account

8. Deposit Account Number: 09-0466

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.

Randall J. Bluestone  
Randall J. Bluestone

9/8/99  
Date

Total number of pages including cover sheet, attachments, and document: 12

09/20/1999 DNGUYEN 00000185 090466 09391850  
01 FC:581 40.00 CH

JC678 U.S. PTO  
09/391850  
09/08/99

Whereas, we

INVENTOR  
AND CITY

(1) **Nobuya Matsubara**  
County of **Kanagawa-ken**  
and (2) **Naoyuki Kagami**  
County of **Kanagawa-ken**  
and (3) **Akira Tokizono**  
County of **Kanagawa-ken**

of **Fujisawa-shi,**  
and State of **Japan,**  
of **Fujisawa-shi,**  
and State of **Japan,**  
of **Fujisawa-shi,**  
and State of **Japan,**

have invented certain improvements in

TITLE

**METHOD AND APPARATUS FOR CONTROLLING DATA WRITE OPERATIONS**

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

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

(1) Aug 25, 1999, (2) Aug. 25, 1999, (3) Aug 30, 1999.

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 inventions 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.

Signed and sealed

CITY  
DATE

(1) at Fujisawa  
on Aug 25, 1999,

Nobuya Matsubara SIGNATURE  
Nobuya Matsubara INVENTOR

CITY  
DATE

and (2) at Fujisawa  
on Aug 25, 1999,

Naoyuki Kagami SIGNATURE  
Naoyuki Kagami INVENTOR

CITY  
DATE

and (3) at Fujisawa  
on Aug 25, 1999,

Akira Tokizono SIGNATURE  
Akira Tokizono INVENTOR