

05-22-2002



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RE

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

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

Atsushi Kanamaru  
Hideo Asano  
Akira Kibashi  
Takahiro Saito  
Keiji Kobayashi

Name: **International Business  
Machines Corporation**

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

5-17-02

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

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

3. Nature of conveyance:

XX Assignment Execution Date: 10/11/2000, 10/11/2000, 10/11/2000, 10/11/2000, 10/11/2000

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)  
09/687,270

B. Patent No.(s)

Additional numbers attached? Yes XX No

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

6. Total Number of applications and  
involved: **One**

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

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

☒ 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  
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Date

Robert B. Martin

Total number of pages including cover sheet, attachments, and document: 2

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FINANCE SECTION

Whereas, we

INVENTOR  
AND CITY

(1) Atsushi Kanamuru  
County of Kanagawa-ken  
and (2)  
County of Tokyo-to  
and (3)  
County of Kanagawa-ken  
and (4)  
County of Kanagawa-ken  
and (5)  
County of Kanagawa-ken

of Sagamihara-shi,  
and State of Japan,  
of Machida-shi,  
and State of Japan,  
of Zama-shi,  
and State of Japan,  
of Yokohama-shi,  
and State of Japan,  
of Fujisawa-shi,  
and State of Japan,

have invented certain improvements in

TITLE

SYSTEM AND METHOD FOR CONTROLLING CACHE MEMORIES, COMPUTER SYSTEM,  
HARD DISK DRIVE UNIT, AND HARD DISK CONTROL UNIT

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

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

(1) 10/11, 2000 (2) 10/11, 2000, (3) 10/11, 2000,  
(4) 10/11, 2000 (5) 10/11, 2000.

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 10/11, 2000,

Atsushi Kanamuru SIGNATURE  
Atsushi Kanamuru

CITY  
DATE

and (2) at Fujisawa  
on 10/11, 2000,

Hideo Asano SIGNATURE  
Hideo Asano

CITY  
DATE

and (3) at Fujisawa  
on 10/11, 2000,

Akira Kibashi SIGNATURE  
Akira Kibashi

CITY  
DATE

and (4) at Fujisawa  
on 10/11, 2000,

Takahiro Saito SIGNATURE  
Takahiro Saito

CITY  
DATE

and (5) at Fujisawa  
on 10/11, 2000,

Keiji Kobayashi SIGNATURE  
Keiji Kobayashi