

RECORDATION FORM COVER SHEET  
PATENTS

To the Assistant Commissioner of Patents: Please record the attached original document or copy thereof.

1. Submission Type:

☒ New

2. Conveyance Type:

☒ Assignment

3. Conveying Parties:

Kanai, Toshio  
Murakami, Masayuki  
Takase, Yasuhiro

9-28-00

4. Execution Date

09202000  
09202000  
09202000JC913 U.S. PTO  
09/675547  
09/28/00

5. Receiving Party:

International Business Machines Corporation  
New Orchard Road  
Armonk, New York 10504

11-08-2000



101509079

6. Application Number/Patent Number:

Patent Application Number:

Patent Number: \_\_\_\_\_

**New Application: execution date of application  
by first-named inventor: 09202000**

09675547

7. Correspondent Name and Address:

Andrew J. Dillon, Esq.  
Felsman, Bradley, Vaden, Gunter  
& Dillon LLP  
Suite 350, Lakewood on the Park  
7600B North Capital of Texas Hwy.  
Austin, Texas 78731  
Tel.: (512) 343-6116

8. Number of Properties: One (1)

Fee Amount (37 CFR 3.41) \$40.00

☒ Authorized to be charged to  
IBM Corporation Deposit Account:  
No. 09-0466

DO NOT USE THIS SPACE

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. Charges to deposit account are authorized, as indicated herein.

Mary Ann Healey

Name of Person Signing

For: FELSMAN, BRADLEY, VADEN,  
GUNTER & DILLON, LLP

Date

Mary Ann Healey 28 Sept 2000

11/08/2000 AHMED1 00000031 090466 09675547

01 FC:581

40.00 CH

## A S S I G N M E N T

Whereas, we,

- (1) Toshio Kanai of Shiga-ken, Japan  
 (2) Masayuki Murakami of Kanagawa-ken, Japan  
 and  
 (3) Yasuhiro Takase of Kanagawa-ken, Japan

have invented certain improvements in

**POWER CONSUMPTION REDUCTION METHOD,  
 POWER CONSUMPTION REDUCTION CIRCUIT, CONTROL CIRCUIT,  
 AND HARD DISK DRIVE APPARATUS**

and executed, respectively, a United States patent application therefor on  
 (Dates Inventors Signed Declaration) (1) Sep 20, 2000,  
 (2) Sep. 20, 2000, and (3) Sep 20, 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 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.

(1) Signed at Yasu on Sep. 20, 2000;

Toshio Kanai  
 Toshio Kanai

(2) Signed at Fujisawa on Sep. 20, 2000;

Masayuki Murakami  
 Masayuki Murakami

and (3) Signed at Fujisawa on Sep 20, 2000;

Yasuhiro Takase  
Yasuhiro Takase