

12-03-2002



F

ER SHEET

102299127  
PATENTS ONLY

FILED U.S. PATENT  
10/30/151



To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Names of conveying parties:

ASANO, Hideo  
HASSNER, Martin Aureliano  
HEISE, Nyles Norbert  
HETZLER, Steven R.  
TAMURA, Tetsuya

MRID 11/20/02

2. Name and address of receiving party:

International Business Machines Corporation  
New Orchard Road  
Armonk, NY 10504

3. Nature of conveyance: Assignment

Execution Date: 11/11/2002  
(By first named inventor)

4. Application number: 10/301151

Docket No.: ARC920020033US1

If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed by first named inventor): 11/11/2002

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

Samuel A. Kassatly  
Samuel A. Kassatly Law Office  
6819 Trinidad Drive  
San Jose, CA 95120  
Tel: (408) 323-5111

6. Total number of applications involved: 1

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

8. Charge fee to Deposit Account No. 09-0441

12/03/2002 TDAZ1 00000005 090441 10301151

01 FC:8021 40.00 CH

DO NOT USE THIS SPACE

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.

Samuel A. Kassatly

11/20/2002

Attorney Name

Signature of Attorney

Date

## ASSIGNMENT

Whereas, we,

- (1) Name: **ASANO**, Hideo  
City of: Machida City, Tokyo  
Country of: Japan
- (2) Name: **HASSNER**, Martin Aureliano  
City/State of: Mountain View, CA  
County of: Santa Clara
- (3) Name: **HEISE**, Nyles Norbert  
City/State of: San Jose, CA  
County of: Santa Clara
- (4) Name: **HETZLER**, Steven R.  
City/State of: Los Altos, CA  
County of: Santa Clara
- (5) Name: **TAMURA**, Tetsuya  
City of: Kanagawa  
Country of: Japan

have invented certain improvements in:

### “ON-DRIVE INTEGRATED SECTOR FORMAT RAID ERROR CORRECTION CODE SYSTEM AND METHOD”

and executed a Declaration and Power of Attorney for a United States patent application therefor on

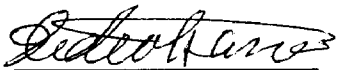

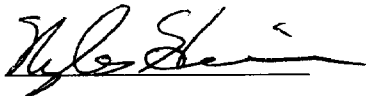
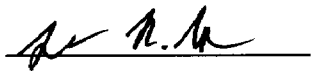
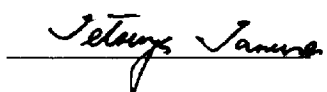
- (1) Date: 11-11-2002
- (2) Date: 11-18-2002
- (3) Date: 11-18-2002
- (4) Date: 11-18-2002
- (5) Date: 11-13-2002

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

## Execution by Inventors:

- (1) Name: **ASANO, Hideo** City/Country:
- Signature:  Date: 2002, NOV, 11
- (2) Name: **HASSNER, Martin A.** City/State:
- Signature:  Date: 2002, Nov, 18
- (3) Name: **HEISE, Nyles Norbert** City/State:
- Signature:  Date: 2002, Nov, 18
- (4) Name: **HETZLER, Steven R.** City/State:
- Signature:  Date: 4/18/02
- (5) Name: **TAMURA, Tetsuya** City/Country:
- Signature:  Date: 2002 Nov 13