

02-15-2000



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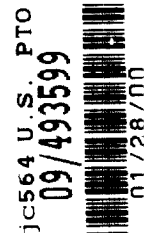
PATENTS ONLY

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

1. Name(s) of conveying party: *NRD*  
*1-28-00*

Thomas William Bish  
Kenneth Fairclough Day, III  
Douglas William Dewey  
Dean Lee Hanson  
Mark A. Reid

2. Name and address of receiving party:  
International Business Machines Corporation  
Old Orchard Road  
Armonk, NY 10504



3. Nature of conveyance: Assignment Execution Date: 12/16/99, 12/20/99  
1/11/00, 1/6/00, and  
1/6/00, respectively

4. Application number: *09/493,1599* Docket No.: TU9-99-042

If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed): 12/16/99, 12/20/99, 1/11/00, 1/6/00, and 1/6/00, respectively

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

Dan Hubert  
3111 Camino Del Rio North  
4th Floor  
San Diego, CA 92108

6. Total number of applications involved: one

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

8. Charge fee to Deposit Account No. 09-0449

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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.

Dan Hubert (#33,906)  
Attorney Name

*Dan Hubert*  
Signature of Attorney

*Jan 28 2000*  
Date

# ASSIGNMENT

Whereas, we,

(1) Thomas William Bish  
City of Tucson  
County of Pima  
State of Arizona

(2) Kenneth Fairclough Day, III  
City of Tucson  
County of Pima  
State of Arizona

(3) Douglas William Dewey  
City of Tucson  
County of Pima  
State of Arizona

(4) Dean Lee Hanson  
City of Tucson  
County of Pima  
State of Arizona

(5) Mark A. Reid  
City of Tucson  
County of Pima  
State of Arizona

have invented certain improvements in:

**“BACKUP COPY ACHIEVING IMPROVED EFFICIENCY BY WAITING UNTIL  
REWIND/UNLOAD COMMAND FOR BULK COPY”**

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

- (1) 12/16/99
- (2) 12/20/99
- (3) 1/11/2000
- (4) 1/6/00
- (5) 1/11/00

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.

# ASSIGNMENT

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**Execution by Inventors**

- (1) *Inventor:* Thomas William Bish *City/State:* Tucson, Arizona  
*Signature* Thomas William Bish *Date* 12/10/99
- (2) *Inventor:* Kenneth Fairclough Day, III *City/State:* Tucson, Arizona  
*Signature* Kenneth Fairclough Day, III *Date* 12/20/99
- (3) *Inventor:* Douglas William Dewey *City/State:* Tucson, Arizona  
*Signature* Douglas William Dewey *Date* 1/11/2000
- (4) *Inventor:* Dean Lee Hanson *City/State:* Tucson, Arizona  
*Signature* Dean Lee Hanson *Date* 1/16/00
- (5) *Inventor:* Mark A. Reid *City/State:* Tucson, Arizona  
*Signature* Mark A. Reid *Date* 1/16/00