Form PTO-1595 PATENT RECORDATIO
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To the Honorable Commissioner of Patents and Trademarks: P	lease record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receivin
Gordon James Smith	party(ies):
Additional name(s) of conveying party(ies) attached?	Name: International Business Machines
□Yes	Corporation
⊠ No	Internal Address:
3. Nature of conveyance:	Street Address: New Orchard Road
⊠ Assignment □ Merger	City: Armonk State: New York ZIP: 10504
☐ Security Agreement ☐ Change of Name	Additional name(s) & address(es) attached: ☐ Yes ⊠ No
□ Other	
Execution Date: March 22, 2000	
4. Application number(s) or patent number(s):	
	535108
If this document is being filed together with a	new application, the execution date of the
application is: March 22, 2000	
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a. Patent Application No.(s)	Betert No. (c)
· ·	b. Patent No.(s)
a. Patent Application No.(s)	b. Patent No.(s)
a. Patent Application No.(s)  ROC92000053	b. Patent No.(s)
a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes □ No ⊠	b. Patent No.(s)  6. Total number of applications and patents involved: 1
a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes □ No ⊠  5. Name and address of party to whom correspondence	
a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes □ No 図  5. Name and address of party to whom correspondence concerning document should be mailed:	
a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes □ No ☒  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joan Pennington	6. Total number of applications and patents involved: 1
a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes □ No ☒  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joan Pennington	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)\$ 40.00
a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes  No   5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joan Pennington  Internal Address: Unit 1804  Street Address:	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)
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a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes  No   5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joan Pennington  Internal Address: Unit 1804  Street Address:	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)
a. Patent Application No.(s)  ROC920000053  Additional numbers attached? Yes  No   5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joan Pennington  Internal Address: Unit 1804  Street Address:	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)
a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes  No    5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joan Pennington  Internal Address: Unit 1804  Street Address: 535 North Michigan Avenue  City: Chicago State: IL ZIP: 60611	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)
a. Patent Application No.(s)  ROC92000053  Additional numbers attached? Yes  No  S  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Joan Pennington  Internal Address: Unit 1804  Street Address:	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 3.41)
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PATENT REEL: 010688 FRAME: 0278

## **ASSIGNMENT**

Whereas, I

(1) Gordon James Smith County of Olmsted

City of Rochester, and State of Minnesota,

have invented certain improvements in

## METHOD AND APPARATUS FOR PREEMPTIVE HEAD CRASH AVOIDANCE IN A DISK DRIVE

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

Date Inventor Signed Declar-

(1) March 22 ation

. 2000

And 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 invention 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.

Signed
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inventor (1)

(Gordon/James Smith)

Inventor

First Name Initial Last Name

Signature

PATENT

REEL: 010688 FRAME: 0279

RECORDED: 03/24/2000