

10-30-2000

Form PTO-1595 PATENT RECORDATION
1-31-92 Pat



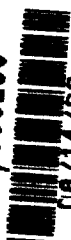
F COMMERCE

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10/31 U.S. PTO

09/638253



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

1. Name of conveying party(ies):
Adam Michael Espeseth
David Robison Hall
James Joseph Mosser
Steven Glenn Smith

Additional name(s) of conveying party(ies) attached?

Yes

No

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

Name: **International Business Machines Corporation**

Internal Address:

Street Address: **New Orchard Road**

City: **Armonk** State: **New York** ZIP: **10504**

Additional name(s) & address(es) attached: Yes No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: July 27, July 28, August 9, 2000

4. Application number(s) or patent number(s):

09638253

If this document is being filed together with a new application, the execution date of the application is: July 27, July 28, August 9, 2000

a. Patent Application No.(s)

ROC9-2000-0161-US1

b. Patent No.(s)

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)..... **\$ 40.00** ✓

Enclosed

Authorized to be charged to deposit account ✓

8. Deposit account number:

09-0465 of IBM Corporation ✓

(Attach duplicate copy of this page if paying by deposit account)

10/31/2000 D.KYRNE 00000074 090465 09638253
40.00 CH

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.

Joan Pennington

Name of Person Signing

Joan Pennington
Signature

AUGUST 14, 2000

Date

Total number of pages: 3

ASSIGNMENT

Whereas, we

- | | | |
|-----|--|---|
| (1) | Adam Michael Espeseth
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (2) | David Robison Hall
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (3) | James Joseph Mosser
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (4) | Steven Glenn Smith
County of Olmsted | City of Rochester,
and State of Minnesota, |

have invented certain improvements in

**SPACE-EFFICIENT EXPECTED ACCESS TIME ALGORITHM FOR HARD DISK DRIVE
COMMAND QUEUE ORDERING**

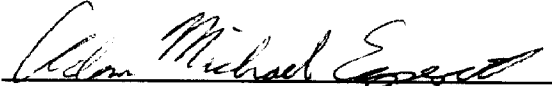
and have executed, respectively, a United States patent application therefor on


Dates				
Inventors				
Signed				
Declar-				
ation	(1) July 27	, 2000	(2) July 27	, 2000
	(3) July 28	, 2000	(4) August 9	, 2000

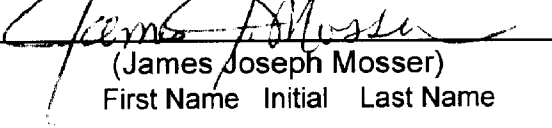
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;


Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, 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.

Signed

Inventor (1) at Rochester, MN  Inventor Signature
(Adam Michael Espeseth)
First Name Initial Last Name
on July 27, 2000.

Inventor (2) at Rochester, MN  Inventor Signature
(David Robison Hall)
First Name Initial Last Name
on July 27, 2000.

Inventor (3) at Rochester, MN  Inventor Signature
(James Joseph Mosser)
First Name Initial Last Name
on July 28, 2000.

Inventor (4) at Rochester, MN  Inventor Signature
(Steven Glenn Smith)
First Name Initial Last Name
on August 9, 2000.