

08-04-2003



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7-24-03

To the Assistant Commissioner for Patents. Please return to the inventor or assignee.

<p>1. Name of conveying party(ies): Herman L. Blackmon, Joseph A. Kirscht, James A. Marcella and Brian T. Vanderpool</p> <p>Additional names of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <hr/> <p>3. Nature of Conveyance</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: July 24, 2003, July 17, 2003, July 17, 2003 and July 17, 2003.</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>International Business Machines Corporation</u></p> <p>Internal Address: _____</p> <hr/> <p>Street Address: <u>New Orchard Road</u> City <u>Armonk</u> State <u>New York</u> Zip <u>10504</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
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17958 U.S. PTO
10/625956
07/24/03

4. Application number(s) or patent number(s):
TITLE: METHODS AND SYSTEMS FOR RE-ORDERING COMMANDS TO ACCESS MEMORY

If this document is being filed together with a new application, the execution date of the application is _____.

A. Patent Application No(s). (Unassigned) B. Patent No(s).

Docket ROC920030159US1

10625956

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Robert R. Williams IBM Corporation - Dept. 917 3605 Highway 52 North Rochester, MN 55901</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$ 40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Total fee due <input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number: <u>09-0465</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Robert R. Williams #48,395 Robert R. Williams 7-24-2003
Name of Person Signing Signature Date

Total number of pages comprising cover sheet: 3

ASSIGNMENT

Whereas, we

- (1) HERMAN L. BLACKMON
County of ~~Olmsted~~ *Rock Island* City of ~~Rochester~~ *Moline*
and State of ~~Minnesota~~ *Illinois*
- (2) JOSEPH A. KIRSCHT
County of Olmsted City of Rochester,
and State of Minnesota,
- (3) JAMES A. MARCELLA
County of Olmsted City of Rochester,
and State of Minnesota,
- (4) BRIAN T. VANDERPOOL
County of Olmsted City of Rochester,
and State of Minnesota,

have invented certain improvements in

**METHODS AND SYSTEMS FOR RE-ORDERING
COMMANDS TO ACCESS MEMORY**

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

Dates Inventors

Signed
 Declaration (1) July 24, 2003 (2) July 17, 2003
 (3) July 17, 2003 (4) July 17, 2003

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, Minnesota
 on 7/24, 2003.

Herman L. Blackmon
 HERMAN L. BLACKMON Inventor Signature

Inventor (2) at Rochester, Minnesota *Joseph A. Kirscht* Inventor Signature
on 7/17, 2003. JOSEPH A. KIRSCHT

Inventor (3) at Rochester, Minnesota *James A. Marcella* Inventor Signature
on 2/17, 2003. JAMES A. MARCELLA

Inventor (4) at Rochester, Minnesota *Brian T. Vanderpool* Inventor Signature
on 7/17, 2003. BRIAN T. VANDERPOOL