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

1. Name of conveying party(ies):

Richard K. Errickson, Mark S. Farrell, Charles W. Gainey,
Jr., Thomas A. Gregg, Carol B. Hernandez and Donald W.
Schmidt

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 11/20/03; 11/20/03; 11/20/03; 11/20/03;

11/20/03; 11/21/03

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

If this document is being filed together with a new application, the execution date of the application is: 11/20/03; 11/20/03;

Patent Application No.

Filing date

B. Patent No.(s)

11/20/03; 11/20/03;
11/20/03; 11/21/03

10/723044

12/04/2003 6TON11 00000108 090463 10723044

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40.00 BA

Additional numbers

☐ Yes ☒ No

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

Name: Philmore H. Colburn II

Registration No. 35,101

Address: Cantor Colburn LLP

55 Griffin Road South

City: Bloomfield

State/Prov.: CT

Country: USA

ZIP: 06002

6. Total number of applications and patents involved:

1

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

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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.

Troy J. LaMontagne, Reg. No. 47,239

Name of Person Signing

Signature

November 25, 2003

Date

6

Total number of pages including cover sheet, attachments, and

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Washington, D.C. 20231

PATENT
REEL: 014751 FRAME: 0233

A S S I G N M E N T

Whereas, We

- Inventor (1) Richard K. Errickson of 33 Beechwood Park, City of Poughkeepsie
County of Dutchess and State of NY 12603
- Inventor (2) Mark S. Farrell of 38 Stirrup Lane, City of Pleasant Valley
County of Dutchess and State of NY 12569
- Inventor (3) Charles W. Gainey Jr. of 21 James St., City of Poughkeepsie
County of Dutchess and State of NY 12603
- Inventor (4) Thomas A. Gregg of 121 Bellevue Rd., City of Highland
County of Ulster and State of NY 12528
- Inventor (5) Carol B. Hernandez of 1 Coachlight Dr., City of Poughkeepsie
County of Dutchess and State of NY 12603
- Inventor (6) Donald W. Schmidt of 77 Vincent Lane, City of Stone Ridge
County of Ulster and State of NY 12484

have invented certain improvements in

MEMORY MAPPED INPUT/OUTPUT OPERATIONS

and executed, respectively, a United States patent application therefore on

- | | |
|-----------------------|-----------------------|
| (1) <u>11/20/2003</u> | (2) <u>11/20/2003</u> |
| (3) <u>11/20/2003</u> | (4) <u>11/20/2003</u> |
| (5) _____ | (6) <u>11/21/2003</u> |

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, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions set forth in said

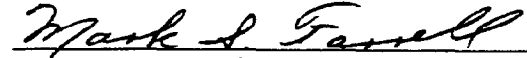
application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

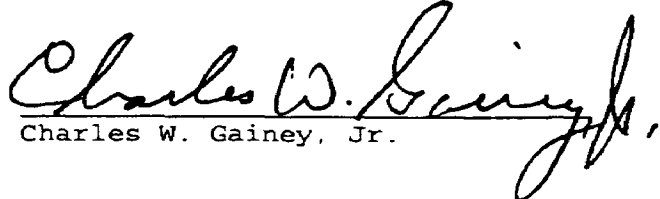
(1) at Poughkeepsie, NY
or 11/20/2003


Richard K. Errickson

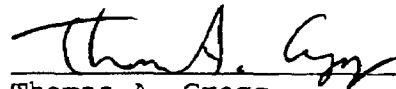
(2) at Poughkeepsie, NY
or 11/20/2003


Mark S. Farrell

(3) at POUGHKEEPSIE, NY
or 11/20/2003


Charles W. Gainey, Jr.

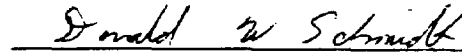
(4) at Poughkeepsie, NY
or 11/20/2003


Thomas A. Gregg

(5) at _____
or _____

Carol B. Hernandez

(6) at POUGHKEEPSIE, NY
or 11/21/2003


Donald W. Schmidt

A S S I G N M E N T

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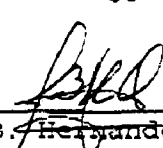
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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention 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 and Trademarks 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.

Signed

(1)	at _____	_____
	on _____	Richard K. Errickson
(2)	at _____	_____
	on _____	Mark S. Farrell
(3)	at _____	_____
	on _____	Charles W. Gainey, Jr.
(4)	at _____	_____
	on _____	Thomas A. Gregg
(5)	at <u>Poughkeepsie, NY</u>	_____
	on <u>11/20/03</u>	 Carol B. Hernandez
(6)	at _____	_____
	on _____	Donald W. Schmidt