

FORM PTO-1595

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Patent and Trademark Office

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1. Name of conveying party(ies):

**Philip George Emma, Robert Kevin Montoye and
William Robert Reohr**

2. Name and address of receiving party(ies)

Name: **International Business Machines Corporation**

Internal Address:

Street Address: **New Orchard Road**

City: **Armonk** State: **NY** ZIP: **10504**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date(s): **11/11/04, 01/04/05, 11/11/04**

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

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

A. Patent Application No.(s)

10/977,432

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Wayne L. Ellenbogen**

Internal Address: **Ryan, Mason & Lewis, LLP**

Street Address: **90 Forest Avenue**

City: **Locust Valley** State: **NY** ZIP: **11560**

6. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41)..... \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number **50-0510**

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Wayne L. Ellenbogen

Reg. No. 43, 602

Wayne L. Ellenbogen
Signature

January 6, 2005

Date

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YOR920040302US1

700143683

PATENT
REEL: 015553 FRAME: 0738

Attorney Docket No. YOR920040302US1**ASSIGNMENT**

Whereas, we

Inventor
and City(1) Philip George Emma
County of Fairfieldof Danbury
and State of Connecticut(2) Robert Kevin Montoye
County of Austinof Austin
and State of Texasand (3) William Robert Reohr
County of Fairfieldof Ridgefield
and State of Connecticut

have invented certain improvements in

TITLE

**DYNAMIC MEMORY ARCHITECTURE EMPLOYING
PASSIVE EXPIRATION OF DATA**described in United States patent application Serial No. 10/977,432, filed on October 29, 2004 and executed
onDATE THAT
INVENTORS
SIGNED THE
DECLARATION(1) Nov 11, 2004 (2) _____ 2004 and (3) November 11, 2004.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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.

Attorney Docket No. YOR920040302US1

CITY
DATE

Signed
(1) at Yorktown Heights, NY
on Nov 11 2004,

 SIGNATURE

(Philip George Emma) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY
DATE

Signed
(2) at _____, TX
on _____ 2004,

SIGNATURE

(Robert Kevin Montoye) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and
DATE

Signed
(3) at Yorktown, NY
on Nov 11 2004,

 SIGNATURE

(William Robert Reohr) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722

Attorney Docket No. YOR920040302US1**ASSIGNMENT**

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PASSIVE EXPIRATION OF DATA**

described in United States patent application Serial No. 10/977,432, filed on October 29, 2004 and executed on

DATE THAT
INVENTORS
SIGNED THE
DECLARATION(1) _____ 2004 (2) Jan 4, 2005 RM 2004 and (3) _____ 2004.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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.

Page 1 of 2

PATENT
REEL: 015553 FRAME: 0741

Attorney Docket No. YOR920040302US1

CITY DATE Signed
(1) at _____, NY
on _____ 2004, _____ SIGNATURE
(Philip George Emma) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY DATE Signed
(2) at _____, TX
on Jan 4 2004, RM 5 Robert Kevin Montoya SIGNATURE
(Robert Kevin Montoya) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and DATE Signed
(3) at _____, NY
on _____ 2004, _____ SIGNATURE
(William Robert Reohr) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

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