

FORM PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Docket No. ROC920050059US1RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Adams, Chad Allen
Aipperspach, Anthony Gus
Pille, Juergen
Wagner, Otto

Additional names of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: 07/13/2005; 07/11/2005;
07/15/2005; 07/14/2005

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

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard RoadCity ArmonkState New York Zip 10504Additional name(s) & address(es) attached? ☐ yes ☒ no

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

TITLE: METHODS AND APPARATUS FOR ACCESSING MEMORY

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

A. Patent Application No(s).

B. Patent No(s).

Serial No. 11/186,606
Docket No. ROC920050059US1Additional numbers attached? ☐ Yes ☒ No

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

Leslie J. Payne, Attorney
IBM Corporation - Dept. 917
3605 Highway 52 North
Rochester, MN 55901-78296. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account☒ Total fee due☒ Any deficiencies in the enclosed fees

8. Deposit account number:

09-0465

DO NOT USE THIS SPACE

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.

Leslie J. Payne, Reg. No. 26,378
Name of Person Signing
SignatureAugust 10, 2005

Date

Total number of pages comprising cover sheet: 1

700201965

PATENT
REEL: 016627 FRAME: 0232

CH \$40.00 090465 11186606

Docket No. ROC920050059US1

ASSIGNMENT

Whereas, we

- | | | |
|-----|----------------------------------------------|-----------------------------------------------|
| (1) | Chad Allen Adams
County of Olmsted | City of Byron,
and State of Minnesota. |
| (2) | Anthony Gus Aipperspach
County of Olmsted | City of Rochester,
and State of Minnesota. |
| (3) | Juergen Pille | City of Stuttgart,
and Country of Germany. |
| (4) | Otto Wagner | City of Altdorf,
and Country of Germany. |

have invented certain improvements in

METHODS AND APPARATUS FOR ACCESSING MEMORY

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

Dates Inventors

Signed

Declaration	(1) July 13	, 2005 (2) July 11	, 2005
	(3)	, 2005, (4)	, 2005.

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.

Docket No. ROC920050059US1

Signed

Inventor at Rochester, Minnesota
(1)
on 7/13, 2005.

(Chad A. Adams)
First Name Initial Last Name

Inventor
Signature

Inventor at Rochester, Minnesota
(2)
on 7/11, 2005.

Anthony G. Happersbach
(Anthony G. Happersbach)
First Name Initial Last Name

**Inventor
Signature**

Inventor at Boeblingen, Germany
(3)
on _____, 2005.

First Name	Initial	Last Name
(Juergen		Pille)

**Inventor
Signature**

Inventor at Boeblingen, Germany
(4)
on _____, 2005.

First Name	Initial	Last Name
(Otto		Wagner)

**Inventor
Signature**

Docket No. ROC920050059US1

ASSIGNMENT

Whereas, we

- | | | |
|-----|----------------------------------------------|-----------------------------------------------|
| (1) | Chad Allen Adams
County of Olmsted | City of Byron,
and State of Minnesota, |
| (2) | Anthony Gus Aipperspach
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (3) | Juergen Pille | City of Stuttgart,
and Country of Germany, |
| (4) | Otto Wagner | City of Altdorf,
and Country of Germany. |

have invented certain improvements in

METHODS AND APPARATUS FOR ACCESSING MEMORY

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

Dates Inventors

Signed

Declaration (1)
(3)

, 2005 (2)
, 2005, (4)

, 2005
, 2005.

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;

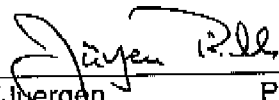
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign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

Docket No. ROC920050059US1

Signed

Inventor (1) at Rochester, Minnesota _____
 on _____, 2005, (Chad A. Adams)
 First Name Initial Last Name Inventor Signature

Inventor (2) at Rochester, Minnesota _____
 on _____, 2005, (Anthony G. Aipperspach)
 First Name Initial Last Name Inventor Signature

Inventor (3) at Boeblingen, Germany 
 on July 15, 2005, (J. Pille)
 First Name Initial Last Name Inventor Signature

Inventor (4) at Boeblingen, Germany _____
 on _____, 2005, (Otto Wagner)
 First Name Initial Last Name Inventor Signature

Docket No. ROC920050059US1

ASSIGNMENT

Whereas, we

- | | | |
|-----|----------------------------------------------|-----------------------------------------------|
| (1) | Chad Allen Adams
County of Olmsted | City of Byron,
and State of Minnesota, |
| (2) | Anthony Gus Aipperspach
County of Olmsted | City of Rochester,
and State of Minnesota, |
| (3) | Juergen Pille | City of Stuttgart,
and Country of Germany, |
| (4) | Otto Wagner | City of Altdorf,
and Country of Germany. |

have invented certain improvements in

METHODS AND APPARATUS FOR ACCESSING MEMORY

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

Dates Inventors

Signed

Declaration	(1)	, 2005 (2)	, 2005
	(3)	, 2005, (4)	July 14, 2005.

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.

Docket No. ROC920050059US1

Signed

Inventor (1)	at <u>Rochester, Minnesota</u>	<u>(Chad A. Adams)</u> First Name Initial Last Name	Inventor Signature
	on _____, 2005,		
Inventor (2)	at <u>Rochester, Minnesota</u>	<u>(Anthony G. Aipperspach)</u> First Name Initial Last Name	Inventor Signature
	on _____, 2005,		
Inventor (3)	at <u>Boeblingen, Germany</u>	<u>(Juergen Pille)</u> First Name Initial Last Name	Inventor Signature
	on _____, 2005.		
Inventor (4)	at <u>Boeblingen, Germany</u>	<u>Otto M. Wagner</u> (Otto Wagner) First Name Initial Last Name	Inventor Signature
	on <u>July 24</u> , 2005.		