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Attorney Docket No.
AUS920000905US1

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

1. Name of conveying party(ies):

Execution date:

Ravi Kumar Arimilli
James Stephen Fields, Jr.
Sanjeev Ghai
Praveen S. Reddy
William John Starke

16/29/01

6/28/01, 2001
6/29/01, 2001
6/28/01, 2001
6/28/01, 2001
6/28/01, 2001

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

International Business Machines Corporation
New Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

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

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

Execution/Filing/Issue Date

☒ New Patent Application, execution date of application6/28/01, 6/29/01, 6/28/01, 6/28/01, 6/28/01
Execution Date☐ Patent Application Number:

09/895225

Filing Date

☐ Patent Number:

Issue Date

5. Name and address of party to whom
correspondence concerning document should
be mailed:Casimer K. Salys
IBM CORPORATION
Intellectual Property Law
Zip 4054
11400 Burnet Rd.
Austin, Texas 78758

6. Total number of applications and patents involved:

One

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

☐ Enclosed
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☐ Authorized to charge any deficiency to deposit account

8. Deposit account number:

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CASIMER K. SALYS

Name of Person Signing

Signature

6/29/01

Date

Total number of pages including cover sheet, attachments, and documents: 3

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REEL: 011977 FRAME: 019710978 U.S. PTO
09/895225

ASSIGNMENT

Whereas, We,

- (1) Ravi Kumar Arimilli of Austin, Williamson County, Texas
- (2) James Stephen Fields, Jr. of Austin, Williamson County, Texas
- (3) Sanjeev Ghai of Round Rock, Williamson County, Texas
- (4) Praveen S. Reddy of Austin, Travis County, Texas
- (5) William John Starke of Round Rock, Williamson County, Texas

have invented certain improvements in:

**METHOD AND APPARATUS FOR ALLOCATING DATA USAGES WITHIN AN
EMBEDDED DYNAMIC RANDOM ACCESS MEMORY DEVICE**

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 6/28, 2001 and (2) 6/29, 2001, and (3) 6/28, 2001 and (4) 6/28, 2001, and (5) 6/28, 2001.

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.

(1) Signed at Austin, TX on 6/28, 2001.

Ravi Kumar Arimilli

Ravi Kumar Arimilli

(2) Signed at Austin, TX on 6/29, 2001.

James Stephen Fields, Jr.

James Stephen Fields, Jr.

(3) Signed at Austin, TX on 6/28, 2001.

Sanjeev Ghai

Sanjeev Ghai

(4) Signed at Austin, TX on 6/28, 2001.

Praveen S. Reddy

Praveen S. Reddy

(5) Signed at AUSTIN TX on 6/28, 2001.

William John Starke

William John Starke