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05-23-2002

ocket No.: FIS920000267US1

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Patent and Trademark Office



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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):

Ramachandra Divakaruni  
Jack A. Mandelman  
Larry Nesbit  
Carl Radens

Additional names(s) of conveying party(ies)

☒ Yes ☐ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☒ Other Corrected Recordation Coversheet

Execution Date: 6/21/01; 6/21/01; 6/22/01; 6/21/01

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

Name: International Business Machines Corporation

Address: New Orchard Roa

City: Armonk

State/Prov.: NY

Country: USA

ZIP: 10504

Additional name(s) & address(es)

☒ Yes ☐ No

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:

Patent Application No. 09/897,868 Filing date 07/02/2001

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: Sean F. Sullivan, Esq.

Registration No. 38,328

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

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0458

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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.

Sean F. Sullivan, Reg. No. 38,328

Name of Person Signing

Signature

May 7, 2002

Date

6

Total number of pages including cover sheet, attachments, and

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PATENT  
REEL: 012910 FRAME: 0883

FINANCE SECTION

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## RECORDATION FORM COVER SHEET

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## PATENTS ONLY

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## 1. Name of conveying party(ies):

**Ramachandra Divakaruni**  
**Jack A. Mandelman**  
**Larry Nesbit**  
**Carl Radens**

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 06/21; 06/21; 06/22; 06/21/2001

## 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

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 06/21; 06/22/2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Eric W. Petraske

Internal Address: Intellectual Property Law Department

International Business Machines Corporation

Dept. 18G / Bldg. 300-482

Street Address: 2070 Route 52

City: Hopewell Junction State: NY ZIP: 12533

6. Total number of applications and patents involved: 1

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

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0458 FI-394

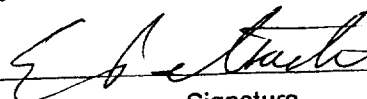
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## 9. Statement and signature.

*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.*

Eric W. Petraske, Reg. No. 28,459

Name of Person Signing



Signature

July 2, 2001

Date

Total number of pages including cover sheet, attachments, and document: 6

**PATENT**  
**REEL: 012910 FRAME: 0884**

# ASSIGNMENT

WHEREAS, we

- |     |  |   |
|-----|--|---|
| (1) | <u>Ramachandra Divakaruni</u>                      | of <del>Middletown</del> <sup>Somers</sup> R.D. |
|     | County of <del>Orange</del> <sup>Westchester</sup> | State of New York                               |
|     | and <sup>R.D.</sup>                                |   |
| (2) | <u>Jack A. Mandelman</u>                           | of Stormville                                   |
|     | County of Dutchess                                 | State of New York                               |
|     | and  |   |
| (3) | <u>Larry Nesbit</u>                                | of Farmington                                   |
|     | County of Hartford                                 | State of Connecticut                            |
|     | and  |   |
| (4) | <u>Carl Radens</u>                                 | of LaGrangeville                                |
|     | County of Dutchess                                 | State of New York                               |

have invented certain improvements in

## STRUCTURE AND METHOD OF FABRICATING EMBEDDED VERTICAL DRAM ARRAYS WITH SILICIDED BITLINE AND POLYSILICON INTERCONNECT

and executed a United States patent application therefor on:  
(dates that Inventors signed the declaration)

- (1) 6-21-01, and (2) 6-21-01, and (3) \_\_\_\_\_, and (4) 6/21/01.

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, I, 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 the 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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 East Fishkill, NY  
on 6-21-01,  
and

Ramachandra Divakaruni  
Ramachandra Divakaruni

(2) at East Fishkill, NY  
on 6-21-01,  
and

Jack A. Mandelman  
Jack A. Mandelman

(3) at East Fishkill, NY  
on \_\_\_\_\_,  
and

\_\_\_\_\_  
Larry Nesbit

(4) at East Fishkill, NY  
on 6/21/01,  
and

Carl Radens  
Carl Radens

## ASSIGNMENT

WHEREAS, we

- (1) Ramachandra Divakaruni of Middletown  
County of Orange State of New York  
and  
(2) Jack A. Mandelman of Stormville  
County of Dutchess State of New York  
and  
(3) Larry Nesbit of Farmington Williston  
County of ~~Hartford~~ Chittenden State of ~~Connecticut~~ Vermont  
and  
(4) Carl Radens of LaGrangeville  
County of Dutchess State of New York

*Red  
6/22/01*

have invented certain improvements in

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 the 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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 East Fishkill, NY  
on \_\_\_\_\_,  
and

\_\_\_\_\_  
Ramachandra Divakaruni

(2) at East Fishkill, NY  
on \_\_\_\_\_,  
and

\_\_\_\_\_  
Jack A. Mandelman

(3) at ~~East Fishkill, NY~~ <sup>Essex Junction, VT</sup>  
on June 22, 2001  
and

Larry Nesbit  
\_\_\_\_\_  
Larry Nesbit

(4) at East Fishkill, NY  
on \_\_\_\_\_,

\_\_\_\_\_  
Carl Radens