

RE

08-11-1999

IT

Docket No. FI9-99-152

To the Honorable Commissioner of Patents  
copy thereof.

and the attached original documents or  
copy thereof.

101114330

1. Name of Conveying party(ies): Toshiaki Kiriata, Daniel Storaska, Chandrasekhar Narayan,  
William Tonti, Claude Bertin, Nick van Heel

3. Nature of Conveyance: Assignment

Execution Date:

07/20/99, 07/20/99, 07/20/99,

07/27/99, 07/27/99, 07/26/99

2. Name & address of receiving party(ies)

Name: International Business  
Machines Corporation

Street

Address: New Orchard Road

City: Armonk State: New York ZIP: 10504

U.S. PRO  
09/364841

07/30/99

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

Title of Application: **PARTIALLY NON-VOLATILE DYNAMIC RANDOM ACCESS MEMORY**

If this document is being filed together with a new application, the execution date of the  
application is: 07/20/99, 07/20/99, 07/20/99, 07/27/99, 07/27/99, 07/26/99

A. Patent Application No(s).

Docket No. FI9-99-152

Serial No.

B. Patent No(s) 1

Additional numbers attached? Yes ☒ No

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

Name: H. Daniel Schnurmann

Street Address:

IBM Corporation  
Intellectual Property Law Dept.  
Dept. 18G/Bldg. 300-482  
1580 Route 52  
Hopewell Junction, NY 12533-6531

6. Total number of applications and  
patents involved: 1

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

☐ Enclosed

☒ Authorized to be charged to  
deposit account

8. Deposit A/C no.: 09-0458 (FI-358)  
(Attach duplicate copy of this page  
if paying by deposit account)

08/09/1999 MTHAIL 00000238 090458 09364841

DO NOT USE THIS SPACE

01 FC:581 40.00 CH

9. Statement of 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.

H. Daniel Schnurmann, Reg. No. 35,791

Name of Person Signing

Telephone No. (914) 894-2481

Signature

Date

Total number of pages, including cover sheet, attachments, and document 5

Express Mail No. EE468937330US

I hereby certify that this correspondence is being deposited with the United States Postal Service as  
Express Mail in an envelope addressed to: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231.

Applicant and/or Attorney requests the date of deposit

as the filing date. July 30, 1999

DATE OF DEPOSIT

RobinAnn Zeno

SIGNATURE AND DATE

# ASSIGNMENT

WHEREAS, I

(1) <b>Toshiaki Kirihata</b> County of Dutchess and	of Poughkeepsie State of New York
(2) <b>Daniel Storaska</b> County of Dutchess and	of Wappingers State of New York
(3) <b>Chandrasekhar Narayan</b> County of Dutchess and	of Hopewell Junction State of New York
(4) <b>William Tonti</b> County of Chittenden and	of Essex Junction State of Vermont
(5) <b>Claude Bertin</b> County of Chittenden and	of S. Burlington State of Vermont
(6) <b>Nick van Heel</b> County of Chittenden	of Burlington State of Vermont

have invented certain improvements in

## Partially Non-Volatile Dynamic Random Access Memory

and executed a United States patent application therefor on:

(dates that Inventors signed the declaration)

(1) 7/20, 1999, (2) 7/20, 1999,  
 (3) 7/20/1, 1999, (4) \_\_\_\_\_, 1999,  
 (5) \_\_\_\_\_, 1999, (6) \_\_\_\_\_, 1999.

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

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**

on 7/20, 1999,

(2) at **East Fishkill**

on 7/20, 1999,

(3) at **East Fishkill**

on 7/20/, 1999,

(4) at **Essex Junction**

on \_\_\_\_\_, 1999,

(5) at **Essex Junction**


on \_\_\_\_\_, 1999,

(6) at **Essex Junction**

on \_\_\_\_\_, 1999.



**Toshiaki Kiriata**



**Daniel Storaska**



**Chandrasekhar Narayan**

\_\_\_\_\_  
**William Tonti**

\_\_\_\_\_  
**Claude Bertin**

\_\_\_\_\_  
**Nick van Heel**

## ASSIGNMENT

WHEREAS, I

(1) <b>Toshiaki Kiriata</b> County of Dutchess and	of Poughkeepsie State of New York
(2) <b>Daniel Storaska</b> County of Dutchess and	of Wappingers State of New York
(3) <b>Chandrasekhar Narayan</b> County of Dutchess and	of Hopewell Junction State of New York
(4) <b>William Tonti</b> County of Chittenden and	of Essex Junction State of Vermont
(5) <b>Claude Bertin</b> County of Chittenden and	of S. Burlington State of Vermont
(6) <b>Nick van Heel</b> County of Chittenden	of Burlington State of Vermont

have invented certain improvements in

### **Partially Non-Volatile Dynamic Random Access Memory**

and executed a United States patent application therefor on:

(dates that Inventors signed the declaration)

(1) \_\_\_\_\_, 1999, (2) \_\_\_\_\_, 1999,  
(3) \_\_\_\_\_, 1999, (4) 7/27/99, 1999,  
(5) 7/27, 1999, (6) 7/26/99, 1999.

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**

on \_\_\_\_\_, 1999,

\_\_\_\_\_  
**Toshiaki Kirihata**

(2) at **East Fishkill**

on \_\_\_\_\_, 1999,

\_\_\_\_\_  
**Daniel Storaska**

(3) at **East Fishkill**

on \_\_\_\_\_, 1999,

\_\_\_\_\_  
**Chandrasekhar Narayan**

(4) at **Essex Junction**

on 7/27, 1999,

  
**William Tonti**

(5) at **Essex Junction**

on 27 July, 1999,

  
**Claude Bertin**

(6) at **Essex Junction**

on July 26, 1999.

  
**Nick van Heel**