

1-18-01

Docket No.: FIS920000327US1 (13939)

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(Rev. 6-93)
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To the Honorable Commissioner of Patents and Trademarks, Please find the attached original documents or copy thereof.

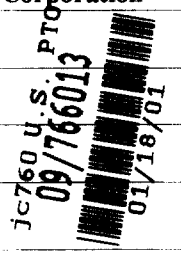
1. Name of conveying party(ies):
Jack A. Mandelman
Ramachandra Divakaruni
Carl J. Radens
Gary B. Bronner

Additional names(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: **International Business Machines Corporation**
Address: **New Orchard Road**

City: **Armonk** State/Prov.: **New York**
Country: **U.S.A.** ZIP: **10504**

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



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 1-02-01, 1-16-01, 1-02-01, 1-16-01

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: 1-2-01, 1-16-01, 1-02-01, 1-16-01

09/766013

Patent Application No. EK0228649705 Filing date
I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. 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 FILE DATE.

B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Richard L. Catania**
Registration No. **Registration No. 32,608**
Address: **Scully, Scott, Murphy & Presser**
400 Garden City Plaza
(516)742-4343
City: **Garden City** State/Prov.: **New York**
Country: **U.S.A.** ZIP: **11530**

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/IBM FI-072

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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.
Todd M.C. Li, Reg. No. 45,554
Name of Person Signing
Signature **Todd M.C. Li** Date **1/18/01**

Total number of pages including cover sheet, attachments, and document: **2**

ASSIGNMENT

Whereas, we

Inventor and City	(1) Jack A. Mandelman County of Dutchess	City of Stormville and State of New York
and	(2) Ramachandra Divakaruni County of Westchester	City of Somers and State of New York
and	(3) Carl J. Radens County of Dutchess	City of LaGrangeville and State of New York
and	(4) Gary B. Bronner County of Dutchess	City of Stormville and State of New York

have invented certain improvements in **6F² TRENCH EDRAM CELL WITH DOUBLE-GATED VERTICAL MOSFET AND SELF-ALIGNED STI**

Dates That Inventors Signed the Declaration and have executed, respectively, a United States patent application therefor on

(1) JAN. 02	200 <u>L</u> , and (2) Jan 16	200 <u>L</u> , and
(3) Jan 20	200 <u>L</u> , and (4) Jan 16	200 <u>L</u> .

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.

City (1) Signed at E. FISHKILL, NY
Date on 1/2/01

Jack A. Mandelman signature
(Jack A. Mandelman) inventor
First Name Middle Initial Last Name

City (2) Signed at E. FISHKILL, NY
Date on 1/16/01

Ramachandra Divakaruni signature
(Ramachandra Divakaruni) inventor
First Name Middle Initial Last Name

City (3) Signed at E. Fishkill, NY
Date on 1-2-01

Carl J. Radens signature
(Carl J. Radens) inventor
First Name Middle Initial Last Name

City (4) Signed at East Fishkill NY
Date on Jan 16, 2001

Gary B. Bronner signature
(Gary B. Bronner) inventor
First Name Middle Initial Last Name