

12-27-2001



Docket No.: FIS920010258US1(14899)

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U.S. DEPARTMENT OF COMMERCE

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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):

Jack A. Mandelman  
Dureseti Chidambarao  
Ramachandra Divakaruni

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 names(s) of conveying party(ies)

☐ Yes ☒ No

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: 10/18/01, 10/18/01, 10/29/01

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: 10/18/01, 10/18/01, 10/29/01

Patent Application No. Filing date

B. Patent No.(s)

10016605

Additional numbers

☐ Yes ☒ No

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

Name: Steven Fischman

Registration No. 34,594

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

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8. Deposit account number:

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Washington D.C. 20231

PATENT  
REEL: 012385 FRAME: 0106

## ASSIGNMENT

Whereas, we

Inventor and City	(1) Jack A. Mandelman County of Dutchess	City of Stormville and State of New York
and	(2) Dureseti Chidambarrao County of Fairfield	City of Weston and State of Connecticut
and	(3) Ramachandra Divakaruni County of Westchester	City of Ossining and State of New York

have invented certain improvements in VERTICAL DRAM PUNCHTHROUGH STOP  
SELF-ALIGNED TO STORAGE TRENCH

Dates That  
Inventors  
Signed the  
Declaration

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

(1)	OCT. 18,	2001, and (2) October 18	2001, and
(3)	Oct. 29,	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.

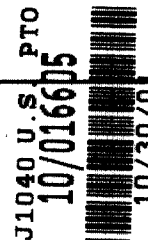
City	(1) Signed at E. FISHKILL, NY	
Date	on OCT. 18, 2001	<u>Jack A. Mandelman</u> signature (Jack A. Mandelman) inventor First Name Middle Initial Last Name
City	(2) Signed at East Fishkill, NY	
Date	on Oct 18, 2001	<u>Dureseti Chidambarrao</u> signature (Dureseti Chidambarrao) inventor First Name Middle Initial Last Name
City	(3) Signed at East Fishkill, NY	
Date	on Oct. 29, 2001	<u>Ramachandra Divakaruni</u> signature (Ramachandra Divakaruni) inventor First Name Middle Initial Last Name

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Jack A. Mandelman, et al.**

Docket No.

**FIS920010258US1(14899)**Serial No.  
**Unassigned**Filing Date  
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**Unassigned**Group Art Unit  
**Unassigned**

Invention:

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