

06-14-2002

Atty. Docket No. FIS920010284US1



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Remarks: Please record the attached original documents or

1. Name of Conveying party(ies): **Dureseti Chidambarao, Omer H. Dokumaci, Bruce B. Doris, Oleg Gluschenkov, Rajarao Jammy, Jack A. Mandelman**

3. Nature of Conveyance: **Assignment**

Execution Date: **05/31/02, 05/30/02, 05/31/02, 05/31/02, 05/31/02, 05/31/02.**

2. Name & address of receiving party(ies)

Name: **International Business Machines Corporation**
Street
Address: **New Orchard Road**
City: **Armonk** State: **New York** ZIP: **10504**

JCE79 U.S. PTP
10/160540
05/31/02

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

10/160540

Title of Application: **HIGH PERFORMANCE LOGIC AND HIGH DENSITY EMBEDDED DRAM WITH BORDERLESS CONTACT AND ANTISPACER**

If this document is being filed together with a new application, the execution date of the application is: **05/31/02, 05/30/02, 05/31/02, 05/31/02, 05/31/02, 05/31/02**

A. Patent Application No(s).
Docket No.
Serial No.

B. Patent No(s)

Additional numbers attached? Yes No

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

Name: **Marshall M. Curtis**
Street Address:

**Whitham, Curtis & Christofferson
11491 Sunset Hills Road,
Suite 340
Reston, VA 20190**

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-182)**
(Attach duplicate copy of this page if paying by deposit account)

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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.

Daryl K. Neff, Reg. No. 38,253
Name of Person Signing
Telephone No. (914) 894-3664

Daryl K. Neff 5/31/02
Signature Date

Total number of pages, including cover sheet, attachments, and document 3

Express Mail No. **ET926725810US**

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: UNITED STATES PATENT & TRADEMARK OFFICE, PO BOX 2327, ARLINGTON, VA 22202. Applicant and/or Attorney requests the date of deposit as the filing date.

May 31, 2002
DATE OF DEPOSIT

KAREN CINQ-MARS

Karen Cinq-Mars 5/31/02
SIGNATURE AND DATE

PATENT
REEL: 012978 FRAME: 0559

ASSIGNMENT

Whereas, we

Inventor
and City

(1) Dureseti Chidambarao
County of Fairfield

City of Weston
and State of Connecticut

and

(2) ~~Haci O. Dokumaci~~ *Omer H. Dokumaci*
County of Dutchess *OHJ*

City of Wappingers Falls
and State of New York

and

(3) Bruce B. Doris
County of Putnam

City of Brewster
and State of New York

and

(4) Oleg Gluschenkov
County of Dutchess

City of Wappingers Falls
and State of New York

and

(5) Rajarao Jammy
County of Dutchess

City of Wappingers Falls
and State of New York

and

(6) Jack A. Mandelman
County of Dutchess

City of Stormville
and State of New York

Title

have invented certain improvements in
HIGH PERFORMANCE LOGIC AND HIGH DENSITY EMBEDDED DRAM WITH BORDERLESS CONTACT AND
ANTISPACER

Dates That
Inventors
Signed the
Declaration

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

(1) <i>5/31/02</i>	2002, and (2)	<i>5/30/</i>	2002, and
(3) <i>5/31/02</i>	2002, and (4)	<i>5/31</i>	2002, and
(5) <i>5/31/02</i>	2002, and (6)	<i>5-31</i>	2002.

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 East Ashkill

Date on 5/31/02

Dureseti Chidambarrao signature
(Dureseti Chidambarrao) inventor
First Name Middle Initial Last Name

City (2) Signed at East Fishkill

Date on 5/30/02

Omar Dokumaci signature
(~~Hasi~~ Omar ~~O. H.~~ Dokumaci) inventor
First Name Middle Initial Last Name OHD

City (3) Signed at East Fishkill

Date on 5/31/02

Bruce B. Doris signature
(Bruce B. Doris) inventor
First Name Middle Initial Last Name

City (4) Signed at

Date on E Fishkill, May 31, 2002

Oleg Gluschenkov signature
(Oleg Gluschenkov) inventor
First Name Middle Initial Last Name

City (5) Signed at East Fishkill, NY

Date on May 31, 2002

Rajaroo B. Jammy signature
(Rajaroo B. Jammy) inventor
First Name Middle Initial Last Name

City (6) Signed at E. FISHKILL, NY

Date on MAY 31, 2002

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