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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Dureseti Chidambarrao
Ramachandra Divakaruni
Jack A. Mandelman

3-11-02

2. Name and address of receiving party(ies)

Name: International Business Machines Corporation

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Street Address: New Orchard Road

City: Armonk State: NY Zip: 10504

Execution Date: 03/06/02; 03/06/02; 03/06/02

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

4. Application number(s) or patent number(s): 10/096192

If this document is being filed together with a new application, the execution date of the application is: 03/06/02

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: H. Daniel Schnurmann

Internal Address: Dept. 18G / Bldg. 300-482

IP Law Department / Bldg. 300 / 482

International Business Machines Corporation

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.

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0458 FI-082

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9. Signature.

H. Daniel Schnurmann, Reg. No. 35,791
Name of Person Signing
SignatureMarch 11, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 4

03/28/2002 DBTRNE 00000081 090458 10096192

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40.00 CH

Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 012718 FRAME: 0392

ASSIGNMENT

WHEREAS, we

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

have invented certain improvements in

VERTICAL MOSFET WITH ASYMMETRICALLY GRADED CHANNEL DOPING

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

- (1) 03/06/03, and (2) 03/06/02, and (3) 3-6-02

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 03/06/02,
and

Dureseti Chidambarr
Dureseti Chidambarrao

(2) at East Fishkill, NY
on 03/06/02,
and

Ramachandra Divakaruni
Ramachandra Divakaruni

(3) at East Fishkill, NY
on 3-6-02,

Jack A. Mandelman
Jack A. Mandelman