

10-31-2000

13713(YOR920000375US1)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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101501062

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

1. Name of conveying party(ies):

Diane Catherine Boyd
Stephen Bruce Brodsky
Hussein Ibrahim Hanafi
Ronnen Andrew Roy

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

3. Nature of conveyance:

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

Execution Date: 9/22/00 respectively

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

4. Application number(s) or registration numbers(s):

09/672185

If this document is being filed together with a new application, the execution date of the application is: 9/22/00 respectively

Patent Application No.

Filing 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. 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:

50-0510/IBM

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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.

Richard L. Catania

Name of Person Signing

Richard L. Catania

Signature

September 28, 2000

Date

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

4

Assignment

Whereas, we

Inventor (1) Diane Catherine Boyd of Lagrangeville
and City County of Dutchess and State of New York

and (2) Stephen Bruce Brodsky of Wappingers Falls
 County of Dutchess and State of New York

and (3) Hussein Ibrahim Hanafi of Basking Ridge
 County of Somerset and State of New Jersey

and (4) Ronnen Andrew Roy of Ossining
 County of Dutchess and State of New York

have invented certain improvements in

TITLE DAMASCENE-GATE PROCESS FOR THE FABRICATION OF MOSFET
 DEVICES WITH MINIMUM POLY-GATE DEPLETION, SILICIDED
 SOURCE AND DRAIN JUNCTIONS, AND LOW SHEET RESISTANCE
 GATE-POLY

and executed, respectively, a United States patent application

therefor on
DATES THAT (1) *September 22* 2000, and (2) *September 22* 2000, and
 (3) *September 22* 2000, and (4) *September 22* 2000.

INVENTORS
SIGNED THE
DECLARATION

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 inventions 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.

Assignment

Signed and sealed
CITY (1) at Yorktown Heights, NY Diane C. Boyd SIGNATURE
DATE on September 22, 2000 (Diane C. Boyd)
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York)
County of Westchester) ss.:

Inventor (1) On this 22nd day of September, 2000, before me personally came Diane Catherine Boyd to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Wendy R. Petrovich
Notary
WENDY R. PETROVICH
Notary Public, State of New York
No. 01RI5042058
Qualified in Westchester County
Commission Expires April 17, 2001

Signed and sealed
CITY (2) at Yorktown Heights, NY Stephen B. Brodsky SIGNATURE
DATE on September 22, 2000 (Stephen B. Brodsky)
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York)
County of Westchester) ss.:

Inventor (2) On this 22 day of Sept., 2000, before me personally came Stephen Bruce Brodsky to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Wendy R. Petrovich
Notary
WENDY R. PETROVICH
Notary Public, State of New York
No. 01RI5042058
Qualified in Westchester County
Commission Expires April 17, 2001

Assignment

Signed and sealed

CITY (3) at Yorktown Heights, NY
DATE on September 27, 2000

Hussein I. Hanafi
(Hussein I. Hanafi)
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

State of New York
County of Westchester

)
) ss.:

Inventor (3) On this 27th day of Sept. 2000, before me personally came Hussein Ibrahim Hanafi to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Wendy R. Petrovich
Notary

WENDY R. PETROVICH
Notary Public, State of New York
No. 01RI5042058
Qualified in Westchester County
Commission Expires April 17, 2001

Signed and sealed

CITY (4) at Yorktown Heights, NY
DATE on September 22, 2000

Ronen A. Roy
(Ronen A. Roy)
FIRST NAME MIDDLE INITIAL LAST NAME

SIGNATURE

State of New York
County of Westchester

)
) ss.:

Inventor (4) On this 22nd day of Sept. 2000, before me personally came Ronnen Andrew Roy to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Wendy R. Petrovich
Notary

WENDY R. PETROVICH
Notary Public, State of New York
No. 01RI5042058
Qualified in Westchester County
Commission Expires April 17, 2001