

12-24-2002



Docket No.: YOR920020208US1 (15872)

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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102320879

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

1. Name of conveying party(ies):

Stephan A. Cohen
Stephen McConnell Gates
Alfred Grill
Vishnubhai V. Patel

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

3. Nature of conveyance:

12/16/02

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

Execution Date: December 9, 2002

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation

Address: New Orchard Road

City: Armonk State/Prov.: NY

Country: USA ZIP: 10504

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

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: December 9, 2002

Patent Application No. Filing date

10/320111

Additional numbers

B. Patent No.(s)

☐ 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

City: Garden City State/Prov.: NY

Country: USA 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

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

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.

Leopold Presser Reg. No. 19,827

Name of Person Signing

Signature

December 16, 2002

Date

Total number of pages including cover sheet, attachments, and

4

ASSIGNMENT

Whereas, we

Inventor and City	(1) Stephan A. Cohen County of Dutchess	City of Wappingers Falls and State of New York
and	(2) Stephen McConnell Gates County of Westchester	City of Ossining and State of New York
and	(3) Alfred Grill County of Westchester	City of White Plains and State of New York
and	(4) Vishnubhai V. Patel County of Westchester	City of Yorktown and State of New York

have invented certain improvements in

Title DIFFUSION BARRIER WITH LOW DIELECTRIC CONSTANT AND SEMICONDUCTOR DEVICE CONTAINING SAME

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

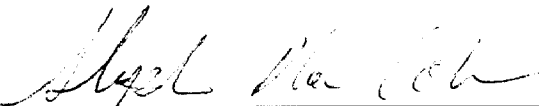
(1) December 9, 2002, and (2) December 9, 2002, and
(3) December 9, 2002 and (4) December 9, 2002.

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;

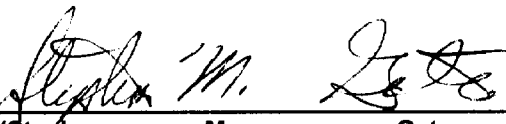
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign 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.

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City (1) Signed at Yorktown, N.Y.
Date on 12/9/02


(Stephen A. Cohen) signature
First Name Middle Initial Last Name) inventor

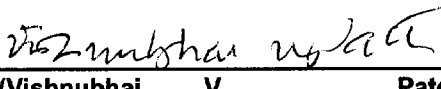
City (2) Signed at Yorktown, N.Y.
Date on 12/9/02


(Stephen M. Gates) signature
First Name Middle Initial Last Name) inventor

City (3) Signed at Yorktown, NY
Date on 12.9.02


(Alfred Grill) signature
First Name Middle Initial Last Name) inventor

City (4) Signed at Yorktown, NY
Date on 12-9-02


(Vishnubhai V. Patel) signature
First Name Middle Initial Last Name) inventor