



01-15-2002

Docket No.: FIS9-2000-0117US1

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



101946678

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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):

Edward S. Begle
Richard P. Volant
Kevin S. Petrarca

1/7/02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 10-24-01, 10-24-01, 10-24-01

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

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City: Armonk State: NY ZIP: 10504

Additional name(s) & address(es) attached? ☐ 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:

A. Patent Application No.(s)

09/752,622

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING DEPOSITED WITH THE UNITED STATES PATENT
SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE,
ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADE-
MARKS, WASHINGTON, D.C. 20231, ON

DATE OF DEPOSIT

NAME OF PERSON MAKING DEPOSIT

SIGNATURE AND DATE

B. Patent No.(s)

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

Name: John A. Evans, Ph.D.

Internal Address: Connolly, Bove Lodge & Hutz

Street Address: 1990 M. Street, N.W.

Suite 800

City: Washington State: DC ZIP: 20036

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:

09-0458 FI-694

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

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.

Jay H. Anderson, Reg. No. 38,371

Name of Person Signing

Signature

Date

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

3

01/14/2002 UNELLER 0900221 090050 46.00 CH 01 FI:501

ASSIGNMENT

IBM Docket No.: FIS9-2000-0117US1

Whereas, We,

Edward S. Begle
County of Orange

City of Middletown
and state of New York

Richard P. Volant
County of Fairfield

City of New Fairfield
and state of Connecticut

Kevin S. Petrarca
County of Orange

City of Newburgh
and state of New York

have invented certain improvements in

METHOD OF FORMING A CRACK STOP STRUCTURE AND DIFFUSION BARRIER IN INTEGRATED CIRCUITS

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

- (1) 10/24/01
- (2) 10/24/01
- (3) 10/24/01

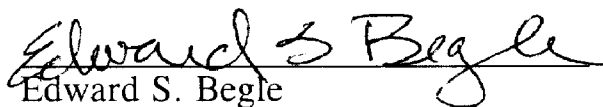
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents 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.

SIGNED AND SEALED

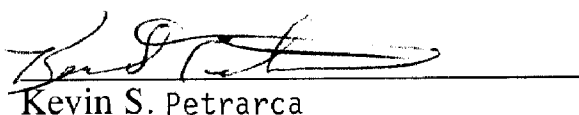
(1) signed at East Fishkill
on 10/24/01


Edward S. Begle

(2) signed at East Fishkill NY
on 10/24/01


Richard P. Volant

(3) signed at East Fishkill NY
on 10/24/01


Kevin S. Petrarca