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To the Honorable Commissioner of Patents and Trademarks, please record the information on this document or copy thereof

jc377 U.S. PTO  
09/482547

01/13/00

## 1. Name of conveying parties:

(1) Anthony G. Domenicucci, (2) Lynne M. Gignac,  
(3) Yun-Yu Wang, (4) Horatio S. Wildman,  
(5) Kwong Hon Wong, (6) Roy A. Carruthers,  
(7) Christian Lavoie, (8) John A. Miller.Additional name(s) of conveying party(ies) attached? ☐ YES ☒ NO

## 3. Nature of Conveyance: Assignment

Execution Dates: (1) 12/20/99; (2) 12/23/99; (3) 12/17/99;  
(4) 12/22/99; (5) 01/03/00; (6) 12/22/99; (7) 01/12/00; and  
(8) 12/17/99.

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

Name: International Business Machines Corporation  
Street Address: New Orchard Road  
City: Armonk State: New York ZIP: 10504  
Additional name(s) & address(es) attached? ☐ YES ☒ NO

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

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

A. Patent Application Number(s) 09482547 B. Patent Number(s) \_\_\_\_\_Additional number(s) attached? ☐ YES ☒ NO

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

Name: Kevin R. CaseyInternal Address: Ratner & Prestia  
Street Address: Suite 301, One Westlakes, Berwyn,  
P.O. Box 980  
Valley Forge, PA 19482-0980  
Phone: (610) 407-07006. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00  
☐ Enclosed  
☒ Authorized to be charged to deposit account8. Deposit account number: 09-0458 (IBM Corporation)  
(Attach duplicate copy of this page if paying by deposit account.)

## DO NOT USE THIS SPACE

## 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.*Kevin R. Casey

Name of Person Signing

32,117

Registration. No.

Signature

Date

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

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS EXPRESS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231. THE APPLICANT AND/OR ATTORNEY REQUEST THE DATE OF DEPOSIT AS THE FILING DATE.

Express Mail Certificate No.: EL395856139USDate of Deposit: January 13, 2000Name of Person Making Deposit: Kathleen C. LibbySignature: Kathleen C. Libby

09482547

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(40.00 CH)

PATENT

REEL: 010532 FRAME: 0448

**ASSIGNMENT**

WHEREAS, we

- (1) **Anthony G. Domenicucci** of 12 Guilford Schoolhouse Road,  
New Paltz, NY 12561;
- (2) **Lynne M. Gignac** of 1 Falconer Street, Beacon, NY 12508;
- (3) **Yun-Yu Wang** of <sup>34</sup>145C Cypher Lane, Poughquag, NY 12570; *yyw*
- (4) **Horatio S. Wildman** of 11 Central Avenue, Wappingers Falls, NY 12590;
- (5) **Kwong Hon Wong** of 42 Mina Drive, Wappingers Falls, NY 12590;
- (6) **Roy A. Carruthers** of 15 VanBrook Drive, Stormville, NY 12582;
- (7) **Christian Lavoie** of 13 Knoll View, Ossining, NY 10562;
- (8) **John A. Miller** of 20 Algonquin Drive, Newburgh, NY 12550.

have invented certain improvements in

**METHOD FOR PRODUCING A FLAT INTERFACE FOR  
A METAL-SILICON CONTACT BARRIER FILM**

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

- (1) *Dec 20*, 1999;
- (2) *Dec 23*, 1999;
- (3) *yyw* ~~Jan~~ *Dec 17*, 1999;
- (4) *Dec 22*, 1999;
- (5) *1/3/00*, ~~1999~~;
- (6) *12/22/99*, 1999;
- (7) *01/12/2000*, ~~1999~~;
- (8) *12/17/99*, 1999.

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 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 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**

(1) at East Fishkill  
on Dec 20, 1999;

Anthony G. Domenicucci  
**Anthony G. Domenicucci**

(2) at East Fishkill  
on 12/23/99, 1999;

Lynne M. Gignac  
**Lynne M. Gignac**

(3) at East Fishkill, NY  
on Dec 17, 1999;

Yun-Yu Wang  
**Yun-Yu Wang**

(4) at East Fishkill, NY  
on Dec 22, 1999;

Horatio S. Wildman  
**Horatio S. Wildman**

(5) at East Fishkill, NY  
on Jan 3 - 2499, 1999;

Kwong Hon Wong  
**Kwong Hon Wong**

(6) at EAST FISHKILL, NY  
on 12/22/99, 1999;

Roy A. Carruthers  
**Roy A. Carruthers**

(7) at EAST FISHKILL, NY  
on 01/12/2000, 1999;

Christian Lavoie  
**Christian Lavoie**

(8) at East fishkill, N.Y.  
on 12/17/99, 1999.

John A. Miller  
**John A. Miller**