

9/27/00

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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):

Paul C. Jamison, Tina Wagner, Richard S. Wise and  
Hongwen Yan

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

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

Execution Date: 9/18/00, 9/26/00, 9/18/00, 9/18/00

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

Name: International Business Machines CorporationAddress: New Orchard RoadCity: ArmonkState/Prov.: NYCountry: U.S.A.ZIP: 10504

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

09/671408

If this document is being filed together with a new application, the execution date of the application is: 9/18/00, 9/26/00, 9/18/00, 9/18/00

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☐ No

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

Name: Richard L. CataniaRegistration No. 32,608Address: Scully, Scott, Murphy & Presser400 Garden City PlazaCity: Garden CityState/Prov.: NYCountry: U.S.A.ZIP: 11530

## 6. Total number of applications and patents involved:

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/IBM (FI-432)

## 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.

Steven Capella Reg No. 33,086

Name of Person Signing

Signature

3

Date

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# ASSIGNMENT

Whereas, we

Inventor  
and City

(1) Paul C. Jamison  
County of Dutchess

City of Hopwell Junction  
and State of New York

(2) Tina Wagner  
County of Orange

City of Newburgh  
and State of New York

(3) Richard S. Wise  
County of Orange

City of New Windsor  
and State of New York

and

(4) Hongwen Yan  
County of Westchester

City of Somers  
and State of New York

have invented certain improvements in

Title

HARD MASK PROCESS TO PREVENT SURFACE ROUGHNESS FOR SELECTIVE DIELECTRIC ETCHING

Dates That  
Inventors  
Signed the  
Declaration

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

(1) 9-18 2000, (2) 1/8 2000,  
(3) 7-18 2000 and (4) 4/18 2000

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 therefore;


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.

City

(1) Signed at East Fishkill, NY

Date

on 9-18-00

  
( Paul C. Jamison ) signature  
First Name Middle Initial Last Name ) inventor

City (2) Signed at *East Fishkill, NY*

Date on *9/18/00*

*Tina Wagner*  
\_\_\_\_\_  
( Tina Wagner ) signature  
First Name Middle Initial Last Name ) inventor

City (3) Signed at *East Fishkill, NY*

Date on *9-18-00*

*Richard S. Wise*  
\_\_\_\_\_  
( Richard S. Wise ) signature  
First Name Middle Initial Last Name ) inventor

City (4) Signed at *EFK, NY*

Date on *9/18/2000*

*Hongwen Yan*  
\_\_\_\_\_  
( Hongwen Yan ) signature  
First Name Middle Initial Last Name ) inventor