

06-18-2003



102476080

Tab settings

To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Marie Angelopoulos**  
**Wu-Song Huang**  
**Junyan Dai**  
**Ranee W. Kwong**  
**Robert N. Lang**

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

**Arpan P. Mahorowala**  
**David R. Medeiros**  
**Wayne M. Moreau**  
**Karen E. Petrillo**

2. Name and address of receiving party(ies):  
 Name: **International Business Machines Corporation**  
 Internal Address: **New Orchard Road**

6-13-03

Street Address:  
 City: **Armonk** State: **NY** ZIP: **10504**

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Additional name(s) & address(es) attached?  Yes  No

Execution Date: 10/21/02, 5/29/02, 5/29/02, 5/29/02,  
 5/29/02, 10/21/02, 10/22/02, 5/29/02,  
 10/22/02

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)  
**09/907,392**  
**07/17/2001**

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: **International Business Machines Corporation**

Internal Address: **Steven Capella**

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

06/18/2003 LIXELLER 00000056 090458 09907392  
 01 FC:0001 40.00 BA

Street Address: **2070 Route 52**

8. Deposit account number:

**09-0458 FI-219**

City: **Hopewell Junction** State: **NY** ZIP: **12533**

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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.

**Steven Capella, Reg. No. 33,086**

**June 11, 2003**

Name of Person Signing

Signature

Date

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

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Director of the United States Patent and Trademark Office, P.O. Box 4460, Alexandria, VA 22304-4460

PATENT

REEL: 014170 FRAME: 0855

# ASSIGNMENT

*Whereas, we*

Inventor and City	(1) Marie Angelopoulos County of Westchester	City of Cortlandt Manor and State of New York
and	(2) Wu-Song Huang County of Dutchess	City of Poughkeepsie and State of New York
and	(3) Dia Junyan County of Tompkins	City of Ithaca and State of New York
and	(4) Rance W. Kwong County of Dutchess	City of Wappingers Falls and State of New York
and	(5) Robert N. Lang County of Dutchess	City of Pleasant Valley and State of New York
and	(6) Arpan P. Mahorowala County of Westchester	City of Bronxville and State of New York
and	(7) David R. Medeiros County of Westchester	City of Ossining and State of New York
and	(8) Wayne M. Moreau County of Dutchess	City of Wappingers Falls and State of New York
and	(9) Karen E. Petrillo County of Putnam	City of Mahopac and State of New York

have invented certain improvements in **ETCH IMPROVED RESIST SYSTEMS CONTAINING ACRYLATE (OR METHACRYLATE) SILANE MONOMERS**

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

(1) 10/29 2001, and (2) 9/12 2001, and

Declaration	(3)	9/25	2001, and (4)	9/17	2001, and
	(5)	9/11	2001, and (6)	10/16	2001, and
	(7)	9/14	2001, and (8)	9/12	2001, and
	(9)	9/14	2001.		

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.

### ASSIGNMENT

City (1) Signed at

Date on \_\_\_\_\_ signature  
 ( Marie Angelopoulos ) inventor  
 First Name Middle Initial Last Name

City (2) Signed at East Fishkill

Date on 5/29/02 \_\_\_\_\_ signature  
 ( Wu-Song Huang ) inventor  
 First Name Middle Initial Last Name

City (3) Signed at

Date on \_\_\_\_\_ signature  
 ( Dia Junyan ) inventor  
 First Name Middle Initial Last Name

City (4) Signed at East Fishkill

Date on 5/29/02 \_\_\_\_\_ signature  
 ( Rene W King ) inventor  
 First Name Middle Initial Last Name

(IBM Docket No.: FIS920010098US1)

SSM&P Docket No.: 14485

Declaration	(3)	9/25	2001, and (4)	9/17	2001, and
	(5)	9/11	2001, and (6)	10/16	2001, and
	(7)	9/14	2001, and (8)	8/12	2001, and
	(9)	9/14	2001.		

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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.

### ASSIGNMENT

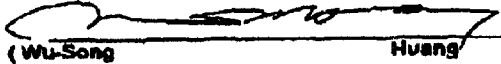
City (1) Signed at *Jackson Heights*

Date on *10/21/02*

 signature  
 (Marie Angelopoulos) inventor  
 First Name Middle Initial Last Name


City (2) Signed at *East Fishkill*

Date on *5/29/02*

 signature  
 (Wu Song Huang) inventor  
 First Name Middle Initial Last Name

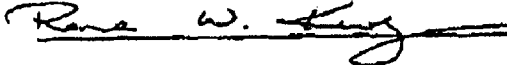
City (3) Signed at

Date on

 signature  
 (Dia Junyan) inventor  
 First Name Middle Initial Last Name

City (4) Signed at *East Fishkill*

Date on *5/29/02*

 signature

PATENT

REEL: 013457 FRAME: 0874

PATENT

REEL: 014170 FRAME: 0858

(IBM Docket No.: FISS20010008US1)  
SSM&P Docket No.: 14485

Declaration	(3)	9/25	2001, and (4)	9/17	2001, and
	(5)	9/11	2001, and (6)	10/16	2001, and
	(7)	9/14	2001, and (8)	9/12	2001, and
	(9)	9/14	2001.		

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.

### ASSIGNMENT

City (1) Signed at

Date on

\_\_\_\_\_  
signature  
(Marie Angelopoulos) inventor  
First Name Middle Initial Last Name


City (2) Signed at East Fishkill

Date on 5/29/02

  
signature  
(Wu Song Huang) inventor  
First Name Middle Initial Last Name

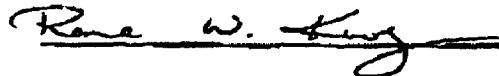
City (3) Signed at Ithaca, NY

Date on 5/29/02

  
signature  
(Dai Junyan) inventor  
First Name Middle Initial Last Name

City (4) Signed at East Fishkill

Date on 5/29/02

  
signature

OCT 19 '02 15:04 FR IPLAW E FISHKILL

845 892 6363 TO 88622141

P.02/03

(IBM Docket No.: FIS920010098US1)

SSM&P Docket No.: 14485

(Ranee W. Kwong ) inventor  
First Name Middle Initial Last Name

City (5) Signed at East Fishkill, NY

Date on 5-29-02

inventor

Robert N. Lang signature  
( Robert N. Lang )  
First Name Middle Initial Last Name

City (5) Signed at Yorktown Heights, NY

Date on 10/21/02

inventor

Arpan P. Mahorowala signature  
( Arpan P. Mahorowala )  
First Name Middle Initial Last Name

City (7) Signed at

Date on 10/22/02

David R. Medeiros signature  
( David R. Medeiros ) inventor  
First Name Middle Initial Last Name

City (8) Signed at East Fishkill, NY

Date on 5-29-02

Wayne M. Moreau signature  
( Wayne M. Moreau ) inventor  
First Name Middle Initial Last Name

City (9) Signed at Yorktown Heights NY

Date 10/22/02 on

) inventor

Karen E. Petrella signature  
( Karen E. Petrella )  
First Name Middle Initial Last Name

(IBM Docket No.: FIS920010098US1)

SSM&P Docket No.: 14485

( Rancee W. Kwong ) inventor  
First Name Middle Initial Last Name

City (5) Signed at East Fishkill, NY  
Date on 5-29-02  
inventor

*Robert N. Lang*  
signature

( Robert N. Lang )  
First Name Middle Initial Last Name

City (6) Signed at  
Date on  
inventor

( Arpan P. Mahorowala ) signature  
First Name Middle Initial Last Name

City (7) Signed at Yorktown, NY  
Date on 5-29-02

*David R. Medeiros*  
signature  
( David R. Medeiros ) inventor  
First Name Middle Initial Last Name

City (8) Signed at  
Date on

( Wayne M. Moreau ) signature  
First Name Middle Initial Last Name

City (9) Signed at  
Date on  
) inventor

( Karen E. Petrillo ) signature  
First Name Middle Initial Last Name

RECORDED: 10/29/2002

\*\* TOTAL PAGE.02 \*\*  
**PATENT**  
REEL: 013457 FRAME: 0877

RECORDED: 06/13/2003

**PATENT**  
REEL: 014170 FRAME: 0861