

FORM PTO-1595 (Modified)
(Rev. 8-93)
OMB No. 0651-0011 (exp. 4/94)
Copyright 1996-97 LegalStar
P08A/REV02

RI



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101965090

Tab settings

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

1. Name of conveying party(ies):

Christina M. Boyko
Brian E. Curcio
Donald S. Farquhar
Michael Wozniak

01/14/02

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 12/07/01, 12/04/01, 12/04/01, 12/14/01

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

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

If this document is being filed together with a new application, the execution date of the application is: 12/07/01, 12/04/01,

Patent Application No. Filing date

B. Patent No.(s)

12/04/01, 12/14/01

Additional numbers 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:

09-0457/IBM

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.

Lawrence R. Fraley, Esq., Reg. No. 26,885

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

3

PATENT

J1046 U.S. PTO
10/046621
01/14/02

ASSIGNMENT

Whereas, we

| | | |
|----------------------|--|---|
| Inventor and City | (1) Christina M. Boyko County of Broome | City of Endicott and State of New York |
| and | (2) Brian E. Curcio County of Broome | City of Binghamton and State of New York |
| and | (3) Donald S. Farquhar County of Broome | City of Endicott and State of New York |
| and | (4) Michael Wozniak County of Broome | City of Vestal and State of New York |

have invented certain improvements in

Title PROCESS OF REMOVING HOLEFILL RESIDUE FROM A METALLIC SURFACE
OF AN ELECTRONIC SUBSTRATE

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

| | | | | | |
|-----|---------|-------|---------|-------|-------|
| (1) | 12-7-01 | 2001, | and (2) | 12/4 | 2001. |
| (3) | 12-4-01 | 2001, | and (4) | 12/14 | 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.

City (1) Signed at *Endicott, NY*
Date on *12/7/01*

| | | | |
|--------------------------|------------|-----------------------------|-------------------------|
| <i>Christina M Boyko</i> | | | signature) inventor |
| (| Christina | M. Boyko | |
| | First Name | Middle Initial Last Name | |

City (2) Signed at *Endicott, NY*
Date on *12/4/01*

Brian E. Curcio signature
(Brian E. Curcio) inventor
First Name Middle Initial Last Name

City (3) Signed at *Endicott, NY*
Date on *12-4-01*

Donald S. Farquhar signature
(Donald S. Farquhar) inventor
First Name Middle Initial Last Name

City (4) Signed at *Endicott*
Date on *12/14/01*

Michael Wozniak signature
(Michael Wozniak) inventor
First Name Middle Initial Last Name