

FORM, PTO-1595 (Modified)
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U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents

101688255

Attached original documents or copy thereof.

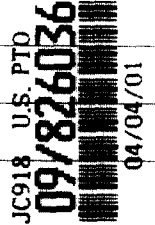
1. Name of conveying party(ies):

Jonathan D. Chapple-Sokol
Randy W. Mann
William J. Murphy
Jed H. Rankin
Daniel S. Vanslette

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

Name: International Business Machines Corporation

Internal Address:



Street Address: New Orchard Road

09826036

City: Armonk State: NY ZIP: 10504

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

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

Execution Date: 3/30/2001

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: 3/30/2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Burton A. Amernick, Reg. No. 24,852

Internal Address: Connolly, Bove, Lodge & Hutz

Street Address: Suite 800

1990 M Street, N.W.

City: Washington State: DC ZIP: 20036-3425

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:

09-0456

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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.

William D. Sabo, Reg. No. 27,465

Name of Person Signing

Signature

APR. 3, 2001

Date

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

3

ASSIGNMENT

IBM Docket No.: BUR920000119US1

Whereas, We,

Jonathan D. Chapple-Sokol County of Chittenden	City of Essex Junction and State of Vermont
Randy W. Mann County of Chittenden	City of Jericho and State of Vermont
William J. Murphy County of Chittenden	City of Essex Junction and State of Vermont
Jed H. Rankin County of Chittenden	City of Burlington <i>South Burlington</i> ⁴⁴⁶ and State of Vermont
Daniel S. Vanslette County of Franklin	City of Highgate Springs and State of Vermont

have invented certain improvements in

METHOD OF FORMING REFRACTORY METAL CONTACT IN AN OPENING, AND RESULTING STRUCTURE

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

- (1) - *3/30/2001*
- (2) *3/30/01*
- (3) *3/30/01*
- (4) *-3/30/01*
- (5) *3/30/01*

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;

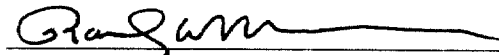
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, We the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign 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:


(1) signed at ESSEX JUNCTION, VT
on 3/30/2001


Jonathan D. Chapple-Sokol


(2) signed at ESSEX JUNCTION
on 3/30/01


Randy W. Mann

(3) signed at Essex Junction, Vt
on 3/30/01


William J. Murphy

(4) signed at ESSEX Junction, Vt
on 3/30/10


Jed H. Rankin

(5) signed at ESSEX Junction, VT
on 3/30/01


Daniel S. Vanslette