

11-02-1999

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To the Honorable Commissioner of Patents and Trademarks, For record the att:

1. Name of conveying party(ies):

Laura Rohwedder Darden
William John Livingstone
Jeannie Harrigan Panner
Patrick Edward Perry
William Frank Pokorny
Paul Steven Zuchowski

Additional names of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance

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

Execution Date: November 19, 1996

Name and address of receiving party(ies):

Name: International Business Machines Corporation

Internal Address:

Street Address: Old Orchard RoadCity: ArmonkState: New YorkZip: 10504Additional name(s) & address(es) attached? ☐ yes ☒ no

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

Title: Redundant ViasIf this document is being filed together with a new application, the execution date of the application is November 19, 1996

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:

Richard M. Kotulak - Intellectual Property Law Dept.
IBM Corporation
1000 River Street
Essex Junction, VT 05452

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, as "Express Mail Post Office to Addressee" Mailing Label No. EG107910882US

on November 20, 1996Name of person mailing paper: Joan M. CarverSignature: Joan M. Carver Date: November 20, 19966. Total number of applications and patents involved: 1

7. Total fee (37 CVF 3.41):

\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account☒ Total fee due☒ Any deficiencies in the enclosed fees

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.

Richard M. Kotulak
Name of Person Signing
Registration # 27,712

Tel.: 802-769-4459

Signature: Richard M. Kotulak

November 20, 1996
Date

Total number of pages comprising cover sheet: 1

ASSIGNMENT

Whereas, we

Inventor and City	(1) Laura Rohwedder Darden County of Chittenden	City of Essex Junction and State of Vermont
and	(2) William John Livingstone County of Chittenden	Town of Cambridge and State of Vermont
and	(3) Jeannie Harrigan Panner County of Chittenden	Town of Underhill and State of Vermont
and	(4) Patrick Edward Perry County of Chittenden	City of Essex Junction and State of Vermont
and	(5) William Frank Pokorny County of Chittenden	Town of Jericho and State of Vermont
and	(6) Paul Steven Zuchowski County of Franklin	Town of Fletcher and State of Vermont

have invented certain improvements in

Title **REDUNDANT VIAS**

Dates That
Inventors
Signed the
Declaration

and have executed, respectively, a United States patent application therefor on *November 19, 1996*

(1)	November 19,	1996, and (2)	November 19,	1996, and
(3)	November 19,	1996, and (4)	November 19,	1996, and
(5)	November 19,	1996, and (6)	November 19,	1996.

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;

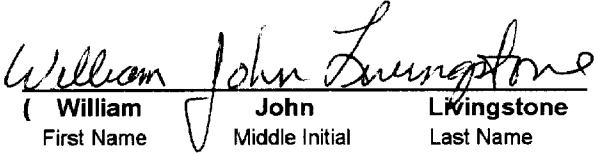
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign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

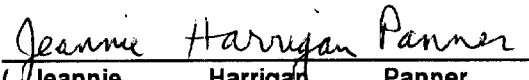
Date on November 19, 1996

Laura Rohwedder Darden signature
(Laura Rohwedder Darden) inventor
First Name Middle Initial Last Name

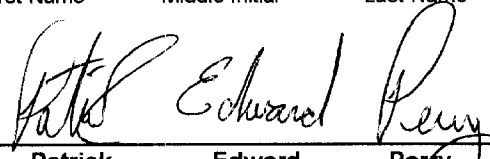
ASSIGNMENT (Continued)TITLE: **Redundant Vias**City **(2) Signed at Underhill, VT**Date **on November 19, 1996**

 signature
 (**William** **John** **Livingstone**) inventor
 First Name Middle Initial Last Name

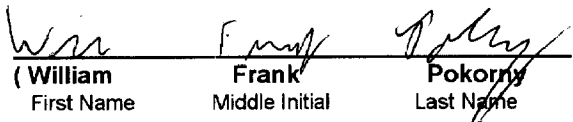
City **(3) Signed at Essex Junction, VT**Date **on November 19, 1996**

 signature
 (**Jeannie** **Harrigan** **Panner**) inventor
 First Name Middle Initial Last Name

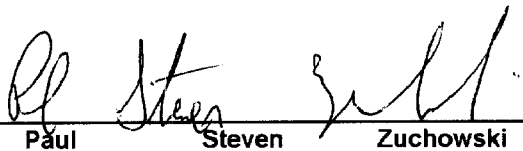
City **(4) Signed at Essex Junction, VT**Date **on November 19, 1996**

 signature
 (**Patrick** **Edward** **Perry**) inventor
 First Name Middle Initial Last Name

City **(5) Signed at Essex Junction, VT**Date **on November 19, 1996**

 signature
 (**William** **Frank** **Pokorny**) inventor
 First Name Middle Initial Last Name

City **(6) Signed at Essex Junction, VT**Date **on November 19, 1996**

 signature
 (**Paul** **Steven** **Zuchowski**) inventor
 First Name Middle Initial Last Name