

07-28-1999

FORM PTO-1595



101103038

SHEET

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1. Name of conveying party(ies):

Albert X. Widmer

MLO
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Additional name(s) of conveying party(ies) attached?

___ Yes X No

3. Nature of conveyance:

X Assignment ___ Merger
 ___ Security Agreement ___ Change of Name
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Execution Date: **July 22, 1999**

2. Name and address of receiving party(ies)

Name: **International Business Machines Corporation**

Internal Address:

Street Address: **New Orchard Road**City: **Armonk** State: **NY** ZIP: **10504**Additional name(s) & address(es) attached? ___ Yes X No

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/346,230

B. Patent No.(s)

Additional numbers attached? ___ Yes X No

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

Name: **William E. Lewis**Internal Address: **Ryan & Mason, L.L.P.**Street Address: **90 Forest Avenue**City: **Locust Valley** State: **NY** ZIP: **11560**6. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41)..... \$ 40.00X Enclosed

___ Authorized to be charged to deposit account

8. Deposit account number **50-0762**

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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 E. Lewis

Reg. No. 39,274

Signature

July 23, 1999

Date

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YO999-297

 PATENT
 REEL: 010119 FRAME: 0367

ASSIGNMENT

Whereas, I

Inventor
and City(1) **Albert X. Widmer**
County of Westchesterof Katonah
and State of New York

have invented certain improvements in

TITLE

**PARTITIONED DC BALANCED (0,6) 16B/18B TRANSMISSION CODE WITH ERROR
CORRECTION**described in United States patent application Serial No. 09/346,230 filed on July 1, 1999 and executed
onDATE THAT
INVENTOR
SIGNED THE
DECLARATION

(1) July 1, 1999.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, I 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 I request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I 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 and Sealed
DATE on at Yorktown Heights, NY Albert X. Widmer SIGNATURE
July 22, 1999
(Albert X. Widmer) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York)ss.:
County of Westchester)

INVENTOR (1) On this 22nd day of July 1999, before me personally came
Albert X. Widmer to me personally known, and known to me to be the person
described in and who executed the foregoing assignment, and he acknowledged to
me that he executed the same as his free act and deed.

Emily S. Forbes
Notary

Ryan & Mason, L.L.P.
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722

EMILY S. FORBES
Notary Public, State of New York
No. 01F04935185
Qualified in Westchester County
Commission Expires July 25, 2000

PATENT
REEL: 010119 FRAME: 0368