

12-13-1999



101220740

MWD
11/29/99

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

1. Name of conveying party(ies):

Christopher Zaremba

Additional name(s) of conveying party(ies) attached? Yes No

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

International Business Machines Corporation
Armonk, New York 10504

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

10564 U.S. PTO
09/450174



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date November 23, 1999

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: November 29, 1999

A. Patent Application No.(s):

B. Patent No.(s):

09/450174

Additional numbers attached? Yes No

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

DAVID W. VICTOR, ESQ.
KONRAD RAYNES & VICTOR LLP
1180 S. Beverly Drive, Suite 501
Los Angeles, CA 90035

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 50-0585

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

David W. Victor
Name of Person Signing

Signature

November 29, 1999
Date

Total number of pages including cover sheet, attachments and document: [2]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

12/10/1999 TTOM11 00000181 09450174

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

01 FC:581

40.00 DP

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

(1) Christopher Zaremba
County of Broome

of Endicott
and State of New York

have invented certain improvement in

TITLE METHOD, SYSTEM, PROGRAM, AND DATA STRUCTURES FOR BACKING-UP FILES

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefore on
(1) Nov. 23, 1999

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 therefore;

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 invention 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.

Signed and sealed

CITY
DATE

(1) at Endicott, NY
on Nov. 23, 1999,

Christopher Zaremba
Christopher Zaremba

SIGNATURE
INVENTOR