

10-31-2003

10.28.03

RECORD
PA



To the Honorable Commissioner of Patents and

102589329

ents or copy thereof.

1. Name of conveying party(ies): Execution Date

1) Robert Frederic Kern 1) September 29, 2003
 2) William Frank Micka 2) September 18, 2003
 3) Gail Andrea Spear 3) September 19, 2003
 4) David B. Petersen 4) September 25, 2003

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Additional name(s) & address(es) attached? Yes 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): 10/465,111

B. Patent No.(s):

Additional numbers attached? Yes No

2003 OCT 28 AM 7:45
OPR/FINANCE

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

David W. Victor
 KONRAD RAYNES VICTOR & MANN LLP
 315 S. Beverly Drive, Suite 210
 Beverly Hills, CA 90212

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: 09-0466

(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

 October 24, 2003
 Date

Total number of pages including cover sheet, attachments and document: [4]

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

Do not detach this portion

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

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

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.

10/30/2003 ECOPER 0000150 090466 10465111

01 FC:8021 40.00 DA

ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

(1) Robert Frederic Kern
County of Pima
(2) William Frank Micka
County of Pima
(3) Gail Andrea Spear
County of Pima
(4) David B. Petersen
County of Fairfax

of Tucson
and State of Arizona
of Tucson
and State of Arizona
of Tucson
and State of Arizona
of Great Falls
and State of Virginia

have invented certain improvement in

TITLE METHOD, SYSTEM, AND PROGRAM FOR MIRRORING DATA AT STORAGE LOCATIONS

SERIAL NO. 10/465,111

FILING DATE: June 18, 2003

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefore on
(1) Sept 29, 2003, (2) Sept 18, 2003, (3) Sept 19, 2003, and (4) Sept 25,
2003

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York,
having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), 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 CORPORATION, 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
CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION 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 CORPORATION.

Signed and sealed

CITY
DATE

(1) at Tucson
on SEPT 29, 2003,

Robert Frederic Kern
Robert Frederic Kern

SIGNATURE
INVENTOR

CITY
DATE (2) at Tucson Az
on Sept 18, 2003,

William Frank Micka
William Frank Micka SIGNATURE
INVENTOR

CITY
DATE (3) at Tucson, AZ
on Sept 19, 2003,

Gail Andrea Spear
Gail Andrea Spear SIGNATURE
INVENTOR

CITY
DATE (4) at Grethensburg, MD
on Sept 25, 2003,

David B. Petersen
David B. Petersen SIGNATURE
INVENTOR