

Form PTO-1595  
0022.0085U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark OfficeRECORDATION FORM COVER LETTER  
**PATENTS ONLY**

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

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

1) Rhea Reyes Frondoza 1) November 17, 2004  
2) Kurt Allen Lovricn 2) November 17, 2004  
3) Richard Anthony Ripberger 3) November 17, 2004  
4) Jacob Lee Sheppard, and 4) November 17, 2004  
5) Michael P. Vageline 5) November 17, 2004

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): **10/991,664**, filed **November 17, 2004**

B. Patent No.(s): \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

David W. Victor  
KONRAD RAYNES & VICTOR, 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: 09-0449

(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

  
SignatureDecember 31, 2004

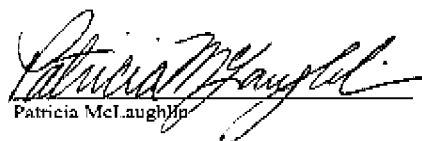
Date

Total number of pages including cover sheet, attachments and executed assignment: [ 3 ]

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

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being transmitted by facsimile to Assignment Recordation Services of the U.S. Patent and Trademark Office at 703-306-5995, or being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450 on December 31, 2004.

  
Patricia McLaughlin

12/31/04  
Date

CH \$40.00 090449 10991664

Patent Docket: TUC920040134US1  
Firm No. 0022.0085

ASSIGNMENT

Whereas, we

- |                               |                                   |
|-------------------------------|-----------------------------------|
| (1) Rhea Reyes Frondoza       | of Tucson<br>and State of Arizona |
| (2) Kurt Allen Lovrien        | of Tucson<br>and State of Arizona |
| (3) Richard Anthony Ripberger | of Tucson<br>and State of Arizona |
| (4) Jacob Lee Sheppard        | of Tucson<br>and State of Arizona |
| (5) Michael P. Vageline       | of Tucson<br>and State of AZ      |

have invented certain improvement in:

METHOD, SYSTEM, AND PROGRAM FOR STORING AND USING METADATA IN MULTIPLE  
STORAGE LOCATIONS

and executed, respectively, a United States patent application therefore on:

- (1) 11/17, 2004, (2) 11/17, 2004, (3) 11/17/04, 2004,  
(4) 11/17, 2004 and (5) 11-17-04, 2004


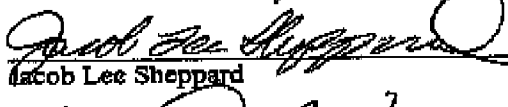
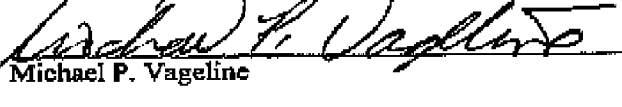
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign 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	(1) at <u>Tucson</u>		SIGNATURE INVENTOR
DATE	on <u>11/17</u> , 2004	Rhea Reyes Frondoza	
CITY	(2) at <u>Tucson</u>		SIGNATURE INVENTOR
DATE	on <u>11/17</u> , 2004	Kurt Allen Lovrien	

Patent Docket: TUC920040134US1  
Firm No. 0022.0085

CITY DATE	(3) at <u>Tucson</u> on <u>11/17</u> , 2004	 Richard Anthony Ripberger	SIGNATURE INVENTOR
CITY DATE	(4) at <u>Tucson</u> on <u>11/17</u> , 2004	 Jacob Lee Sheppard	SIGNATURE INVENTOR
CITY DATE	(5) at <u>Tucson</u> on <u>11-17</u> , 2004	 Michael P. Vagline	SIGNATURE INVENTOR