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Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

## 1. Name of conveying party(ies):

**Rajasekar Krishnamurthy****Jayavel Shanmugasundaram****Eugene Jon Shekita**Additional name(s) of conveying party(ies) attached? Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **12/23/02, 01/23/03, 12/20/02**

## 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 ☒ 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)

B. Patent No.(s)

Application No. **10/331,739** Filed **12/28/02**Additional numbers attached? ☐ Yes ☒ No

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

Name: **IBM Corporation**

Internal Address: \_\_\_\_\_

**Intellectual Property Law (C4TA/J2B)**Street Address: **650 Harry Road**City: **San Jose** State: **CA** Zip: **95120-6099**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:

**09-0441**

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

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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.***Marc D. McSwain**

Name of Person Signing

*Marc D. McSwain*

Signature

**07 MAY 2003**

Date

Total number of pages including cover sheet, attachments, and documents: **3**Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

# ASSIGNMENT

**Whereas, we,**

(1) **Rajasekar Krishnamurthy**

City of        Madison  
County of     Dane  
State of       Wisconsin

(2) **Jayavel Shanmugasundaram**

City of        Ithaca  
County of     Tomkins  
State of       New York

(3) **Eugene Jon Shekita**

City of        San Jose  
County of     Santa Clara  
State of       California

have invented certain improvements in:

## METHOD FOR STORING XML DOCUMENTS IN A RELATIONAL DATABASE SYSTEM WHILE EXPLOITING XML SCHEMA

and executed a Declaration and Power of Attorney for a United States patent application therefor on

(1) 23 December 2002                      (2) \_\_\_\_\_  
(3) \_\_\_\_\_

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 inventions 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.

**Execution by Inventors**

(1) Inventor: **Rajasekar Krishnamurthy**

City/State: **Madison, WI**

Signature K-Rajasekar

Date 23 December 2002

(2) Inventor: **Jayavel Shanmugasundaram**

City/State: **Ithaca, NY**

Signature \_\_\_\_\_

Date \_\_\_\_\_

(3) Inventor: **Eugene Jon Shekita**

City/State: **San Jose, CA**

Signature \_\_\_\_\_

Date \_\_\_\_\_

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23 JAN 2003

(3) \_\_\_\_\_

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City/State: **Madison, WI**

Signature \_\_\_\_\_

Date \_\_\_\_\_

(2) Inventor: **Jayavel Shanmugasundaram**

City/State: **Ithaca, NY**

Signature *J. Shanmugasundaram*

Date 23 JAN 2003

(3) Inventor: **Eugene Jon Shekita**

City/State: **San Jose, CA**

Signature \_\_\_\_\_

Date \_\_\_\_\_

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City/State: **Madison, WI**

Signature \_\_\_\_\_

Date \_\_\_\_\_

(2) Inventor: **Jayavel Shanmugasundaram**

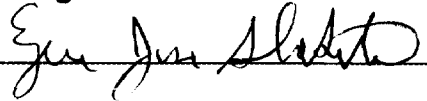
City/State: **Ithaca, NY**

Signature \_\_\_\_\_

Date \_\_\_\_\_

(3) Inventor: **Eugene Jon Shekita**

City/State: **San Jose, CA**

Signature 

Date 12/20/02