

11-19-03

Docket No: SVL920030087US1

RECORDATION FORM COVER SHEET

US DEPARTMENT OF COMMERCE

12-04-2003

Patent and Trademark Office

To the Honorable Commissioner of F  
thereof.



the attached original documents or copy

102614817

1. Name of conveying party(ies):

Kevin S. Beyer  
Roberta J. Cochrane  
Fatma Ozcan  
Normen Seemann

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

Name: **International Business Machines Corporation**

Street Address: **New Orchard Road**  
City: **Armonk** State: **NY** ZIP: **10504**

31281 U.S. PTO  
10717870  
111903

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

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

3. Nature of conveyance:

Assignment

Execution Date:  
11-17-03 - Kevin S. Beyer, Fatma Ozcan, & Normen Seemann  
11-18-03 - Roberta J. Cochrane

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:

11-17-03 - Kevin S. Beyer, Fatma Ozcan, and Normen Seemann  
11-18-03 - Roberta J. Cochrane

A. Patent Application No.(s)

B. Patent No.(s)

10717870

Additional numbers attached?  Yes  No

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

Name: Michael E. Hudzinski  
Internal Address: Seventh Floor  
Street Address: 1100 Superior Avenue  
City: Cleveland State: OH Zip: 44114-2518

6. Total Number of applications and patents involved: **One**

7. Total fee (37 CFR 3.41).....\$ **40.00**  
 Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number: 09-0460

12/03/2003 6TOM11 00000156 090460 . 10717870

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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.

Michael E. Hudzinski  
Signature

19 NOV 03  
Date

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

**PATENT**  
**REEL: 014745 FRAME: 0808**

# ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

- (1) Kevin S. Beyer, City of San Jose, County of Santa Clara, State of California
- (2) Roberta J. Cochrane, City of Los Gatos, County of Santa Clara, State of California
- (3) Fatma Ozcan, City of San Jose, County of Santa Clara, State of California
- (4) Normen Seemann, City of Cupertino, County of Santa Clara, State of California

TITLE

have invented certain improvements in

## CONTEXT QUANTIFIER TRANSFORMATION IN XML QUERY REWRITE

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

and executed, respectively, a United States patent application therefor on the following date(s):

- (1) 11/17/2003 Kevin S. Beyer
- (2) 11/18/2003 Roberta J. Cochrane
- (3) 11/17/2003 Fatma Özcan
- (4) 11/17/2003 Normen Seemann


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, 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  
DATE

Signed:

(1) at ARC, 650 Harry Rd, San Jose, CA  
on 11/17/2003

  
Kevin S. Beyer

(2) at ARC, 650 Harry Rd, San Jose, CA  
on 11/18/2003

  
Roberta J. Cochrane

(3) at ARC, 650 Harry Rd, San Jose  
on 11/17/2003

  
Fatma Özcan

(4) at ARC, 650 Harry Rd, San Jose  
on 11/17/2003

  
Normen Seemann