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FORM PTO-1596

R

U.S. DEPARTMENT OF COMMERCE

1-31-92



Patent and Trademark Office

Docket No.: 50277-2196

102444551

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

1. Name of Conveying Party(ies):  
Anand Manikutty, Muralidhar Krishnaprasad, Ravi Murthy, Zhen Liu, Subramanian Muralidhar, James Warner, Sivasankaran Chandrasekar

S-1-03

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

Internal Address:

Street Address: 500 Oracle Parkway

City: Redwood Shores State/Country CA ZIP: 94065

Additional name(s) of conveying party(ies) attached?  Yes

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: April 29, 2003

Additional name(s) & address(es) attached?  Yes

4. Application number(s) or patent number(s):

10428878

If the document is being filed together with a new application, the execution date of the application is: April 29, 2003

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached?  Yes

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

Name: HICKMAN PALERMO TRUONG & BECKER LLP

Internal Address:

Street Address: 1600 Willow Street

City: San Jose State: CA Zip: 95125

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-1302

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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.

Brian D. Hickman, Registration No. 35,894

5/1, 2003

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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OID 2002-073-01 CIP

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PATENT

REEL: 014039 FRAME: 0107



ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

ANAND MANIKUTTY, 1200 E. Hillsdale Blvd., Apt. #107, Foster City, California 94404, USA;  
 MURALIDHAR KRISHNAPRASAD, 34136 Summerwind Ter., Fremont, California 94555, USA;  
 RAVI MURTHY, 33227 Jamie Circle, Fremont, California 94555, USA;  
 ZHEN LIU, 1017 Wayne Way, San Mateo, California 94403 USA;  
 SUBRAMANIAN MURALIDHAR, ~~817 Catamaran Street, #1, Foster City, California 94404 USA;~~ 34273 EUCALYPTUS TERRACE, FREMONT, CA - 94555 *SM*  
 JAMES WARNER, 1180 Reed Avenue, Apt. #61, Sunnyvale, California 94086 USA;  
 and  
 SIVASANKARAN CHANDRASEKAR, 540 Everett Avenue, Palo Alto, California 94301, USA;

(hereinafter referred to as ASSIGNOR(S)), has made a discovery or invention entitled:

**TECHNIQUES FOR REWRITING XML QUERIES DIRECTED TO RELATIONAL DATABASE CONSTRUCTS**

- for which application for Letters Patent of the United States has been executed on even date herewith,
- for which application for Letters Patent of the United States has been filed on \_\_\_\_\_, under Application No. \_\_\_\_\_, and

WHEREAS:

Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 5OP7, Redwood Shores, California, 94065

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and

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benefit of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, or assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives, or assigns, I will, at any time, when called upon to do so by the ASSIGNEE its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

**Inventor(s): Please Sign and Date Below:**

(1)   
ANAND MANIKUTTY

Date: APR. 29, 2003

(2) Muralidhar  
MURALIDHAR KRISHNAPRASAD

Date: 4/29/03

(3) Ravi Murthy  
RAVI MURTHY

Date: 04-29-03

(4) Zhen Liu Li  
ZHEN LIU

Date: 4/29/03

(5) *S. Muralidhar*  
SUBRAMANIAN MURALIDHAR

Date: 4/29/03

(6) James W. Warner  
JAMES WARNER

Date: 4/29/2003



(7) S. Chandrasekar  
SIVASANKARAN CHANDRASEKAR

Date: 04/29/03

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