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FORM PTO-1596

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

1-31-92

Docket No.: 50277-198 (OID 1997-13-14)

100979886

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

1. Name of Conveying Party(ies):

John Raitto, Mohamed Ziauddin, James Finnerty

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

3. Nature of Conveyance:

☒ Assignment☐ Security Agreement☐ Other☐ Merger☐ Change of Name

Execution Date: 2/12/99, 2/4/99 2/12/99

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

Name: Oracle Corporation

Internal Address:

Street Address: 500 Oracle Parkway

City: Redwood State/Country CA ZIP: 94065

Shores

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

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

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

A. Patent Application No(s).

09/222,249 filed December 28, 1998

B. Patent No(s).

Additional numbers attached? ☐ Yes

5. Name and address of party to whom correspondence concerning

Document should be mailed:

Name: MCDERMOTT, WILL & EMERY

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005

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:

50-0385

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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

Name and Registration No. of Person Signing

Signature

February 16, 1999

Date

Total number of pages comprising cover sheet

CMB No. 0851-0011 (exp. 4/94)

02/24/1999 SLUWNG 00000654 0922249

01 FC:101
02 FC:105
03 FC:581

PATENT

REEL: 9795 FRAME: 0450

No.: 50277-198 (OID 1997-13-14)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I
the undersigned, JOHN RAITTO, MOHAMED ZIAUDDIN, JAMES FINNERTY

hereby sell, assign, and transfer to Oracle Corporation

a corporation of Delaware, having a principal place of business at 500 Oracle Parkway,
Redwood Shores, California 94065, ("Assignee"),

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that

 will be filed concurrently with this assignment, or

 X was filed on December 28, 1998, and assigned
Serial Number 09/222,249,

and is entitled "REWRITING A QUERY IN TERMS OF A SUMMARY BASED ON AGGREGATE
COMPUTABILITY AND CANONICAL FORMAT, AND WHEN A DIMENSION TABLE IS ON THE CHILD
SIDE OF AN OUTER JOIN"

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said 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 full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

Feb. 12, 1999
Date


Name: JOHN RAITTO

Each Inventor: Please Sign and Date Below:

2/4/, 19 99 
Date Name: MOHAMED ZIAUDDIN

Each Inventor: Please Sign and Date Below:

Feb 12, 19 99
Date

James L. Finnerty
Name: JAMES FINNERTY