

01-04-1999

FORM PTO-1596

RE

U.S. DEPARTMENT OF COMMERCE

1-31-92



Patent and Trademark Office

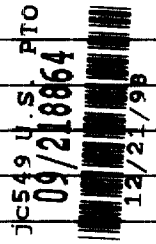
Docket No.: 50277-194 (OID-1997-06-04)

100934432

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

1. Name of Conveying Party(ies):  
 Boris Klots, Roger J. Bamford, Jeffrey Fischer, Ravi  
 Mirchandaney  
**MRD 12.21.98**  
 Additional name(s) of conveying party(ies) attached?  Yes

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



3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
 Execution Date: December 10, 1998, December 9, 1998,  
 December 15, 1998, December 15, 1998

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). )  
 B. Patent No(s). 09/218864  
 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: 99 Canal Center Plaza, Suite 300  
 City: Alexandria State: VA Zip: 22314

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  
 December 21, 1998

Name and Registration No. of Person Signing Signature Date  
 Total number of pages comprising cover sheet: 1

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

EXPRESS MAIL NO. ELD27607094 U.S. PATENT

REEL: 9669 FRAME: 0336

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I  
the undersigned, BORIS KLOTS, ROGER J. BAMFORD, JEFFREY FISCHER and RAVI MIRCHANDANEY

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

X will be filed concurrently with this assignment, or  
\_\_\_\_\_ was filed on \_\_\_\_\_, and assigned  
Serial Number \_\_\_\_\_,

and is entitled "OBJECT HASHING WITH INCREMENTAL CHANGES"

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:

12/10, 19 98  
Date

  
Name: BORIS.KLOTS

Each Inventor: Please Sign and Date Below:

Dec 9, 19 98

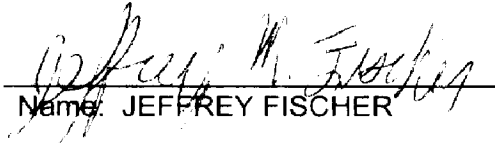
Date



Name: ROGER J. BAMFORD

Each Inventor: Please Sign and Date Below:

Dec 15, 1998  
Date

  
Name: JEFFREY FISCHER

Each Inventor: Please Sign and Date Below:

12 15, 1998 R. Mirchandaney  
Date Name: RAVI MIRCHANDANEY