12-26-2001

Docket No.: 1958.2014-000

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101923862 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

Name of conveying party(ies) Lee B. Barton

2/10/01

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

- Nature of conveyance:
- [X] Assignment
- [] Merger
- Security Agreement
- [] Change of Name

Other

Execution Date: December 5, 2001

2. Name and address of receiving party(ies)

Name: Oracle Corporation

Internal Address:

Street Address: 500 Oracle Parkway

City: Redwood Shores State: ZIP: 94065

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

[X] No

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: December 5, 2001

A. Patent Application No.(s)

17/2001 SZEWDIE1 00000040 10014038

FC:581

40.00 OP

Additional numbers attached? [] Yes

[X] No

B. Patent No.(s)

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

Name: Rodney D. Johnson, Esq.

Internal Address:

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: 530 Virginia Road

City: Concord

State: MA

P.O. Box 9133

ZIP: 01742-9133 Total number of applications and patents involved: [01]

Total Fee (37 C.F.R. 3.41).....\$ 40.00

Enclosed with Filing Fee [X]

Authorized to charge any deficiencies or credit any [X] overpayment to deposit account

Authorized to be charged to deposit account

Deposit account number:

08-0380

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

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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.

Gerald M. Bluhm, Esq.

Name of Person Signing

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

[03]

REEL: 012382 FRAME: 0066

ASSIGNMENT

WHEREAS, I, Lee B. Barton, have invented a certain improvement in DATABASE SYSTEM HAVING HETEROGENEOUS OBJECT TYPES, described in an application for Letters Patent of the United States, the specification of which:

[X]	States Patent Office;
[]	was filed on [] as Application No. [];
[]	was patented under U.S. Patent No. [] on [].

WHEREAS, Oracle Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 500 Oracle Parkway, Redwood Shores, California 94065 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

PATENT REEL: 012382 FRAME: 0067 AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature:
Lee B. Barton
State/Commonwealth
of New Hampshire
County of Hilsborgh
Then personally appeared before me the above-named Lee B. Barton and acknowledged that he executed the foregoing instrument as his free act and deed this day of, 20_0 [
(SEAL) BARBARA J. TREMLETT, Notary Public My Commission Expires May 24, 2005 (print name)
My Commission expires/

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RECORDED: 12/10/2001

PATENT REEL: 012382 FRAME: 0068