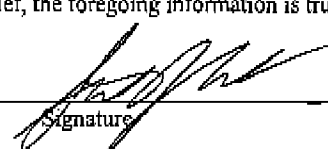


Form <b>PTO-1595</b> (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
<b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b>			
Docket No. 017033222001			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies):  1. <b>Bipul Sinha</b> 2. <b>Vivekanandhan Raja</b> 3. <b>Amit Ganesh</b>  <input checked="" type="checkbox"/> Individual(s) <input type="checkbox"/> Association <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Corporation-State <input type="checkbox"/> Other  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies):  Name: <u>Oracle International Corporation</u> Internal Address: _____  Street Address: <u>500 Oracle Parkway, Mail Stop 50P7</u>  City: <u>Redwood Shores</u> State: <u>CA</u> Zip Code: <u>94065</u>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Dates: 1. <u>December 27, 2004</u> 4. <u>January 5, 2005</u> 2. <u>December 27, 2004</u> 3. <u>December 28, 2004</u>			
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:  A. Patent Application No.(s): <u>10/934,079</u> B. Patent No.(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  <u>Peter C. Mei</u> <u>Bingham McCutchen LLP</u> <u>Three Embarcadero, Suite 1800</u> <u>San Francisco, CA 94111-4067</u>		6. Total number of applications and patents involved: <u>1</u>  7. Total fee (37 C.F.R. § 3.41): <u>\$40.00</u>  <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, referencing <u>billing no. 7033222001</u> 8. Deposit account number: <u>50-2518</u>	
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 50-2518			
<b>DO NOT USE THIS SPACE</b>			
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.  Name: <u>Stuart J. West</u> Registration No. <u>43,258</u> <div style="text-align: center; margin-top: 10px;">   <u>Signature</u> </div> Date: <u>2-FEB-05</u>			
Total number of pages including cover sheet, attachments, and document: <u>6</u>			
<b>Mail documents to be recorded with required cover sheet information to:</b> Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450			

CH \$40.00 502518 10934079

Attorney Docket No. 017033222001

## ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

280 LOON CT. *Expt 12/27/04*Bipul Sinha, 722 Edgewater Boulevard, Apt. 209, Foster City, California 94404, U.S.A.Vivekanandhan Raja, 244 Ross Lane, Foster City, California 94404, U.S.A.Amit Ganesh, 1426 Brook Glen Drive, San Jose, California 95129, U.S.A.Kenneth R. Jacobs, <sup>25728 Hidden Springs Court Los Altos Hills, California 94022</sup> ~~25 Goldenridge Court, San Mateo, California 94402, U.S.A.~~*KR 11/5/05*

(full name(s) and post office address(s) of inventor(s) (including country))

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

SYSTEM, STRUCTURE, INTERFACE, AND SEMANTICS FOR IMPLEMENTING  
ROW VERSIONS: ACCESSING PAST VERSIONS OF A DATA ITEM

- ☐ 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 September 3, 2004, under Application No. 10/934,079, and

WHEREAS:

Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 50P7, Redwood Shores, CA 94065

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and 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, continuation-in-part, divisional, reexamination, 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.

Oracle Matter No.  
OID-2003-068-01

1

PA/52148243.1/2021039-7033222001

PATENT  
REEL: 015651 FRAME: 0427


Attorney Docket No. OI7033222001

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 benefit of the ASSIGNEE in accordance with the terms of this instrument.

I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE 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 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 communicate to the ASSIGNEE 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 and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisionals, continuations, continuation-in-parts of the said applications shall hereafter be desired by the ASSIGNEE, I will, at any time, when called upon to do so by the ASSIGNEE sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuation-in-parts, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE 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.

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

(1)   
Bipul Sinha Date: 12/27/04

Oracle Matter No.

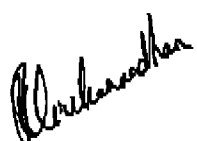
OID-2003-068-01

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2

PATENT  
REEL: 015651 FRAME: 0428

Attorney Docket No. OI7033222001

(2)   
Vivekanandhan Raja

Date: 12/27/2004

Oracle Matter No.

**OID-2003-068-01**

PA/52148243.1/2021038-7033222001

3

**PATENT**  
**REEL: 015651 FRAME: 0429**

Attorney Docket No. OI7033222001

(3)

  
Amit Ganesh

Date:

12/28/04

Oracle Matter No.

**OID-2003-068-01**

PA/52146243.1/2021030-7033222001

Attorney Docket No. OI7033222001

(4) Kenneth R. Jacobs  
Kenneth R. Jacobs

Date: 1/5/2005

Oracle Matter No.

OID-2003-068-01

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5

RECORDED: 02/02/2005

PATENT  
REEL: 015651 FRAME: 0431