

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Souripriya Das</td><td>08/26/2008</td></tr><tr><td>Eugene Inseok Chong</td><td>08/26/2008</td></tr><tr><td>Zhe Wu</td><td>08/26/2008</td></tr><tr><td>Melliyal Annamalai</td><td>08/26/2008</td></tr><tr><td>Jagannathan Srinivasan</td><td>08/26/2008</td></tr></tbody></table>	Name	Execution Date	Souripriya Das	08/26/2008	Eugene Inseok Chong	08/26/2008	Zhe Wu	08/26/2008	Melliyal Annamalai	08/26/2008	Jagannathan Srinivasan	08/26/2008	
Name	Execution Date												
Souripriya Das	08/26/2008												
Eugene Inseok Chong	08/26/2008												
Zhe Wu	08/26/2008												
Melliyal Annamalai	08/26/2008												
Jagannathan Srinivasan	08/26/2008												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Oracle International Corporation</td></tr><tr><td>Street Address:</td><td>500 Oracle Parkway</td></tr><tr><td>Internal Address:</td><td>Mail Stop 5OP7</td></tr><tr><td>City:</td><td>Redwood Shores</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94065</td></tr></table>	Name:	Oracle International Corporation	Street Address:	500 Oracle Parkway	Internal Address:	Mail Stop 5OP7	City:	Redwood Shores	State/Country:	CALIFORNIA	Postal Code:	94065	
Name:	Oracle International Corporation												
Street Address:	500 Oracle Parkway												
Internal Address:	Mail Stop 5OP7												
City:	Redwood Shores												
State/Country:	CALIFORNIA												
Postal Code:	94065												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12188927</td></tr></tbody></table>	Property Type	Number	Application Number:	12188927									
Property Type	Number												
Application Number:	12188927												
CORRESPONDENCE DATA													
Fax Number: (866)723-0359 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 978-948-7632													
Email: genelson@northshorepatents.com													
Correspondent Name: GORDON E. NELSON, PATENT ATTORNEY, PC													
Address Line 1: 57 CENTRAL STREET													
Address Line 2: P.O. BOX 782													
Address Line 4: ROWLEY, MASSACHUSETTS 01969													
ATTORNEY DOCKET NUMBER:	ORACLE01.096												

CH \$40.00 12188927

500682005

PATENT
REEL: 021715 FRAME: 0537

NAME OF SUBMITTER:

Gordon E. Nelson

Total Attachments: 7

source=oracle01_096_Assign_efs#page1.tif

source=oracle01_096_Assign_efs#page2.tif

source=oracle01_096_Assign_efs#page3.tif

source=oracle01_096_Assign_efs#page4.tif

source=oracle01_096_Assign_efs#page5.tif

source=oracle01_096_Assign_efs#page6.tif

source=oracle01_096_Assign_efs#page7.tif

PATENT

REEL: 021715 FRAME: 0538

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Souripriya DAS
Eugene Inseok CHONG
Zhe WU
Melliyal ANNAMALAI
Jagannathan SRINIVASAN

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Oracle International Corporation

Internal Address: Mail Stop: M5op7

Street Address: 500 Oracle Parkway

City: Redwood Shores

State: CA

Country: US Zip: 94065

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): August 26, 2008

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No. (s)

B. Patent No. (s)

12/188,927

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Gordon E. Nelson, Patent Attorney

Internal Address: _____

Street Address: 57 Central Street

P.O. Box 782

City: Rowley

State: MA

Zip: 01969

Phone Number: 978-948-7632

Fax Number: 866-723-0359

Email Address: genelson@northshorepatents.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 501315

Authorized User Name Gordon E. Nelson

9. Signature:

/Gordon E. Nelson/

Signature

10/21/08

Date

Gordon E. Nelson

Name of Person Signing

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

7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 021715 FRAME: 0539

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Souripriya DAS, 18 Sky Country Drive, Nashua, NH 03062
Eugene Inseok CHONG, 9 Dunbar Way, Concord, MA 01742
Zhe WU, 5 Crocker Drive, Westford, MA 01886
Melliyal ANNAMALAI, 4 Canter Court, Nashua, NH 03063
Jagannathan SRINIVASAN, 1 Hampshire Drive, Apt F, Nashua, NH 03063

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

"Representing and manipulating RDF data in a relational database management system"

for which application for Letters Patent of the United States has been executed on even date herewith,

X for which application for Letters Patent of the United States has been filed on 8/8/08,
under Application No. 12/188,927, 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.

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.

Oracle Matter No.
OID-2007-502-01

10-1-03

Docket No. oracle01.096

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) Souripriya Das
Souripriya Das

Date: 8/26/2008

Oracle Matter No.
OID-2007-502-01

10-1-03

Docket No. oracle01.096

(2) *Eugene Inseok Chong*
Eugene Inseok Chong

Date: 8/26/2008

Oracle Matter No.
OID-2007-502-01

10-1-03

Docket No. oracle01.096

(3) 
Zhe Wu

Date: 8/26/08

Oracle Matter No.
OID-2007-502-01

10-1-03

Docket No. oracle01.096

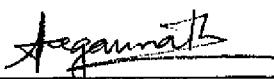
(4) Melliya
Melliya Annamalai

Date: 8/26/08

Oracle Matter No.
OID-2007-502-01

10-1-03

Docket No. oracle01.096

(5) 
Jagannathan Srinivasan

Date: 8/26/2008

Oracle Matter No.
OID-2007-502-01

10-1-03