PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bernard A. Traversat	10/13/2011
Mohamed M. Abdelaziz	10/13/2011
Michael J. Duigou	10/14/2011
Henry Jen	10/14/2011
Brian Goetz	10/13/2011

RECEIVING PARTY DATA

Name:	Oracle America, Inc.
Street Address:	500 Oracle Parkway
City:	Redwood City
State/Country:	CALIFORNIA
Postal Code:	94065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13273861

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: Aly Z. Dossa
Address Line 1: 909 Fannin
Address Line 2: Suite 3500

Address Line 4: Houston, TEXAS 77010

ATTORNEY DOCKET NUMBER: 33227/656002

NAME OF SUBMITTER: Amanda Hennessey

PATENT

501698631 REEL: 027100 FRAME: 0272

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Total Attachments: 6 source=33227_656002_assignment#page1.tif source=33227_656002_assignment#page2.tif source=33227_656002_assignment#page3.tif source=33227_656002_assignment#page4.tif source=33227_656002_assignment#page5.tif

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Attorney Docket No.: 33227/656002; SUN100069-US-NP

32615
PATENT TRADEMARK OFFICE

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Oracle America, Inc.

having the following address:

500 Oracle Parkway Redwood City, California 94065

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

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for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- 1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- 2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.



individuals on the date appear	ring by such individual's signature	··
10 13 11 Date	1st Inventor Signature: Print or Type Name:	Bernard A. Traversat
Date	2 nd Inventor Signature: Print or Type Name:	National NA Abdolomin
Date	3 rd Inventor Signature: Print or Type Name:	Michael I Duigon
Date	4 th Inventor Signature: Print or Type Name:	Henry Jen
Date	5 th Inventor Signature: Print or Type Name:	Brian Goetz

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned

When this Assignment is <u>not</u> filed concurrently with the patent application, the following identifying information may be added <u>after</u> execution:

U.S. Application Serial No.: 13/273,861
Filing Date: October 14, 2011

OSHA .

Intellectual Property Law

•	1 st Inventor Signature:	
Date	Print or Type Name:	Bernard A. Traversat
0-13-7011	2 nd Inventor Signature:	1
Date	Print or Type Name:	Mohamed M. Abdelaziz
	3 rd Inventor Signature:	
Date	Print or Type Name:	Michael J. Duigou
	4 th Inventor Signature:	
Date	Print or Type Name:	Henry Jen
Date		Henry Jen
Date	Print or Type Name	Brian Goetz

Print or Type Name: _

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Intellectual Property Law

IN WITNESS Windividuals on the date appearing	HEREOF, this Assignment I by such individual's signatu	nas been executed by each of the undersigned re:
Date	1 st Inventor Signature: _ Print or Type Name: _	Bernard A. Traversat
Date Oat. 1411 Date	2 nd Inventor Signature: _ Print or Type Name: _ 3 rd Inventor Signature: _ Print or Type Name: _	Mohamed M. Abdelaziz Michael J. Duigou
Date	4 th Inventor Signature: _ Print or Type Name: _	Henry Jen
Date	5 th Inventor Signature: _ Print or Type Name:	Brian Goetz

	WHEREOF, this Assignment hang by such individual's signature	s been executed by each of the undersigned:
	1st Inventor Signature:	
Date	Print or Type Name:	Bernard A. Traversat
	2 nd Inventor Signature:	
Date	Print or Type Name:	Mohamed M. Abdelaziz
	3 rd Inventor Signature:	
Date	Print or Type Name:	Michael J. Duigou
10/14/2011	4 th Inventor Signature:	Jany J
Date	Print or Type Name:	Henry Jen
	5 th Inventor Signature:	
Date	Drivet or True Norman	Brian Goetz

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PATENT REEL: 027100 FRAME: 0279

RECORDED: 10/21/2011