503643852 01/11/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3690487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRASAD V. BAGAL	01/04/2016
SAMEER ARUN JOSHI	01/04/2016
HANLIN DANIEL CHIEN	01/05/2016
RICARDO REY DIEZ	01/05/2016
DAVID CAVAZOS WOO	01/11/2016
EMILY RONSHIEN SU	01/05/2016
SHA CHANG	01/04/2016

RECEIVING PARTY DATA

Name:	ORACLE INTERNATIONAL CORPORATION
Street Address:	500 ORACLE PARKWAY, M/S 5OP7
City:	REDWOOD SHORES
State/Country:	CALIFORNIA
Postal Code:	94065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14992831

CORRESPONDENCE DATA

Fax Number: (612)677-3572

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-657-8483

Email:docketing@cpaglobal.comCorrespondent Name:PRECISION IP/ ORACLE

Address Line 1: C/O CPA GLOBAL, P.O. BOX 52050
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	R00023NP
NAME OF SUBMITTER:	CHRISTINE HARTNESS
SIGNATURE:	/Christine Hartness/
DATE SIGNED:	01/11/2016

PATENT REEL: 037456 FRAME: 0728

Total Attachments: 10 source=R00023NP Executed Assignment#page1.tif source=R00023NP Executed Assignment#page2.tif source=R00023NP Executed Assignment#page3.tif source=R00023NP Executed Assignment#page4.tif source=R00023NP Executed Assignment#page5.tif source=R00023NP Executed Assignment#page6.tif source=R00023NP Executed Assignment#page7.tif source=R00023NP Executed Assignment#page8.tif source=R00023NP Executed Assignment#page9.tif source=R00023NP Executed Assignment#page9.tif

PATENT REEL: 037456 FRAME: 0729

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 International Corporation

having the following address:

500 Oracle Parkway, M/S 5OP7 Redwood Shores, CA 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:

DUPLICATE BUG REPORT DETECTION USING MACHINE LEARNING ALGORITHMS AND AUTOMATED FEEDBACK INCORPORATION

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.

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01/04/201	6	2 nd Inventor Signature:	- Office Re-
		Print or Type Name:	Sameer Arun Joshi
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0 1 / 0 5 / 3 Date	1014	3 rd Inventor Signature:	14 zerlin Desiret Aven
Date		Print or Type Name:	Hanlin Daniel Chien
		4 th Inventor Signature:	a i gaza, elektra a korulatu, barrungan berantur da barrun.
Date			
			Ricardo Rey Diez
		5th Inventor Signature:	
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		Print or Type Name:	Emily Ronshien Su
Date		/" Inventor Signature:	
		Print or Type Name:	Sha Chang
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	the following id	ignment is <u>not</u> tiled conc lentifying information ma	urrently with the patent application, y be added <u>after</u> execution:
and	U.S. Patent Ap	plication Serial No.: 14,	992,831
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Print or Type Name: Prasad V. Bagal 2nd Inventor Signature: Date Print or Type Name: Samcer Arun Joshi 3nd Inventor Signature: Date Print or Type Name: Hanlin Daniel Chien Ath Inventor Signature: Print or Type Name: Ricardo Rey Diez 5nd Inventor Signature: Date Print or Type Name: David Cavazos Woo 6nd Inventor Signature: Date Print or Type Name: Emily Ronshien Su 7nd Inventor Signature: Date Print or Type Name: Sha Chang When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:	The se	1" Inventor Signature:	
Date Print or Type Name: Sameer Arun Joshi 3rd Inventor Signature: Date Print or Type Name: Hanlin Daniel Chien 2	Date	Saint on Your Manner	Pracad V Ragal
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Date Print or Type Name: Hanlin Daniel Chien Print or Type Name: Elected Rey Diez Date Print or Type Name: Ricardo Rey Diez Sth Inventor Signature: Date Print or Type Name: David Cavazos Woo 6th Inventor Signature: Date Print or Type Name: Emily Ronshien Su 7th Inventor Signature: Date Print or Type Name: Sha Chang When this Assignment is not filled concurrently with the patent application, the following identifying information may be added after execution:	Date		
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Date State		Print or Type Name:	Hanlin Daniel Chien
Date State	18 60 - San		The state of the s
Date State	21/05/2016	4 th Inventor Signature:	Plando Per Diez //
Sta Inventor Signature: Date Print or Type Name: David Cavazos Woo 6th Inventor Signature: Date Print or Type Name: Emily Ronshien Su 7th Inventor Signature: Date Print or Type Name: Sha Chang When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:	Date	vo papikani bes odiebnasii poli	The company of the Bares Company of the company of
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7th Inventor Signature: Date Print or Type Name: Sha Chang When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:	Date		
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U.S. Patent Application Senai No.: 14/992,831	I IIS P	atent Application Serial No.: 1.	4/992,831

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Date	1 ⁿ Inventor Signature:		
xrasc	Print or Type Name: Prasad V. Bagal		
Date	2 rd Inventor Signature:		
	Print or Type Name: Sameer Arun Joshi		
Date	3 rd Inventor Signature:		
	Print or Type Name: Hanlin Daniel Chien		
I)ate	4 th Inventor Signature:		
	Print or Type Name: Ricardo Rey Diez		
11-January -	2016 5th Inventor Signature:		
	Print or Type Name: David Cavazos Woo		
Date	6th Inventor Signature:		
	Print or Type Name: Emily Ronshien Su		
Date	7 th Inventor Signature:		
	Print or Type Name: Sha Chang		
·			
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	U.S. Patent Application Serial No.: 14/992,831		
- F	Filing Date: January 11, 2016		

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	3° Ioventor Signature;	
Date		Hanlin Daniel Chien
	4th Inventor Signature:	
Date	Print or Type Name:	Ricardo Rey Diez
	5" Inventor Signature:	
Dute		David Cavazos Woo
05 January 2016 Bute	6" Inventor Signature;	
*****	이용 그는 그리고 있는 얼마가 있다면 하게 되는 것 같아. 그 가지 않는 것이다.	Emily Ronshien Su
Date	7 th Inventor Signature:	
XXXXX	Print or Type Name:	Sha Chang

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