503637016 01/06/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3683647

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMIR SEBBAH	01/06/2016
MICHAEL COLENA	12/30/2015

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:	14988294

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.com
Correspondent Name: PRECISION IP/ ORACLE

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

ATTORNEY DOCKET NUMBER:	R00033NP
NAME OF SUBMITTER:	CHRISTINE HARTNESS
SIGNATURE:	/Christine Hartness/
DATE SIGNED:	01/06/2016

Total Attachments: 4

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PATENT 503637016 REEL: 037421 FRAME: 0544

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 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:

SYSTEM AND METHOD OF ASSIGNING RESOURCE CONSUMERS TO RESOURCES <u>USING CONSTRAINT PROGRAMMING</u>

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:

- 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;
- 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 grant to the COMPANY 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.

Attorney Docket No. R00033NP

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individuals on the date appearing by such individual's signature: 1st Inventor Signature: Print or Type Name: Samir Sebbah 2nd Inventor Signature:

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

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

Print or Type Name: _Michael Colena

U.S. Patent Application Serial No.: 14/988,294

Filing Date: January 5, 2016

ASSIGNMENT - WORLDWIDE

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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;
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Attorney Docket No. R00033NP

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D-4-	1 ² Inventor Signature:
Date	Print or Type Name: Samir Sebbah
)-30-15 Date	2nd Inventor Signature: Signature
	Print or Type Name: Michael Colena

Filing Date: January 5, 2016

Attorney Docket No. R00033NP

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PATENT REEL: 037421 FRAME: 0548

RECORDED: 01/06/2016