503825660 05/13/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT3872310

CONVEYING PARTY DATA

NATURE OF CONVEYANCE:

Name	Execution Date
DUSTIN GARVEY	05/13/2016
URI SHAFT	05/13/2016
LIK WONG	05/13/2016
AMIT GANESH	05/13/2016

ASSIGNMENT

RECEIVING PARTY DATA

Name:	ORACLE INTERNATIONAL CORPORATION
Street Address:	500 ORACLE PARKWAY /MS 50P7
City:	REDWOOD SHORES
State/Country:	CALIFORNIA
Postal Code:	94065

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15057065

CORRESPONDENCE DATA

Fax Number:

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: 4086578483

Email: Ingrid@PrecisionIP.net

Correspondent Name: INGRID COTE

Address Line 1: 84 W SANTA CLARA ST STE 680
Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	R00102NP
NAME OF SUBMITTER:	INGRID COTE
SIGNATURE:	/Ingrid Cote/
DATE SIGNED:	05/13/2016

Total Attachments: 4

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PATENT 503825660 REEL: 038586 FRAME: 0829

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PATENT REEL: 038586 FRAME: 0830

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 50P7 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 FOR DETECTING AND CHARACTERIZING SEASONS

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;
- 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. R00102NP/ORA160148-US-NP

- ਈ ਭ ਜੁਣ | 1 **of** 2

IN WITNESS WHERE	OF, this Assignment ha	as been executed by each of the undersigned
individuals on the date appearing by su	ich individual's signature	e:
5/4/2016	1st Inventor Signature:	
Date		
	Print or Type Name:	Dustin Garve)
	2 nd Inventor Signature:	
Date		
	Print or Type Name:	Uri Shaft
	3 rd Inventor Signature:	
Date	•	
	Print or Type Name:	Lik Wong
5/9/2016	4 th Inventor Signature:	1200
Date		
	Print or Type Name:	Amit Ganesh

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

U.S. Patent Application Serial No.: 15/057,065

Filing Date: 02/29/2016

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

	Date	1st Inventor Signature: Print or Type Name:	
May	9 th , 2 0/6		Wir Slift
	Date	Print or Type Name:	Uri Shaft
Sana	Date	3 rd Inventor Signature:	<u> </u>
		Print or Type Name:	Lik Wong
: <u> </u>	Date	4th Inventor Signature:	
	- Part Section 202	Print or Type Name:	Amit Ganesh

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. Patent Application Serial No.: 15/057,065

Filing Date: 02/29/2016

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

Data	1 st Inventor Signature:	
Date	Print or Type Name:	Dustin Garvey
	and T	
	2 nd Inventor Signature:	
Date	Print or Type Name:	Uri Shaft
5/2/16	3 rd Inventor Signature:	Wong
Date		0 /
	Print or Type Name:	Lik Wong
	4 th Inventor Signature:	
Date		
	Print or Type Name:	Amit Ganesh

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

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RECORDED: 05/13/2016

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