PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6155332

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XUN ZHANG	08/25/2019
CHAITANYA PALUSA	08/20/2019
DAWEI HUANG	01/01/2020
MUTHUKUMAR VAIRAVAN	12/04/2019
JIANGHUI SU	08/16/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16671146

CORRESPONDENCE DATA

Fax Number: (512)853-8801

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: 512-853-8800

Email: dkramer@intprop.com

Correspondent Name: KOWERT HOOD MUNYON RANKIN & GOETZEL, P.C.

Address Line 1: P.O. BOX 398

Address Line 4: AUSTIN, TEXAS 78767

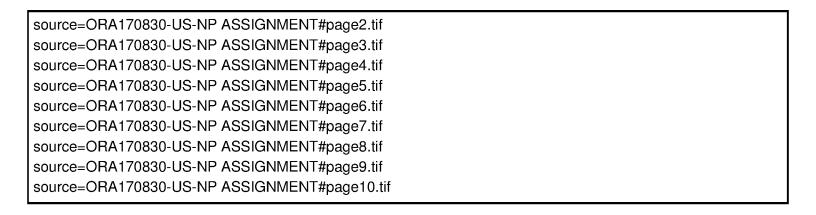
ATTORNEY DOCKET NUMBER:	6000-81100
NAME OF SUBMITTER:	DEAN M. MUNYON
SIGNATURE:	/Dean M. Munyon/
DATE SIGNED:	06/16/2020

Total Attachments: 10

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PATENT REEL: 052949 FRAME: 0620

506108610



PATENT REEL: 052949 FRAME: 0621

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Oracle International Corporation (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of California, and having its principal place of business at 500 Oracle Parkway, Redwood Shores, CA 94065, their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, ADPATIVE RECEIVER WITH PRE-CURSOR CANCELATION, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States:

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

assigns and nominees of the Assignce. Date: 8/15/2019 (Signature) Name: Date: (Signature) __ Name: Chaitanya Palusa (Signature) ___ Date: Dawei Huang Name: (Signature) _ Date: Muthukumar Vairavan Name: (Signature) Date: Name: Jianghui Su

COVENANT AND AGREE that the above is and will be binding on the heirs,

assigns, representatives and successors of the undersigned and extend to the successors,

Customer ID #58467

Dean M Munyon Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398 Austin, TX 78767-0398

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(Signature) _ Name:	Xun Zhang	Date:
(Signature) _ Name:	Chajtanya Palusa	Date: August 20,2019
(Signature) Name:	Dawei Huang	Date:
(Signature) _ Name:	Muthukumar Vairavan	Date:
(Signature)	Jianghui Su	Date:

Customer ID #58467

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Page 1

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(Signature)	baitonco Babisa		Date:		
140110.	haitanya Palusa				
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(Signature)			Date:	11/01/202	Q
Name: D	Az-> awei Huang	g svieto ban maa			. 1974
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			Date:		
	luthukumar Vairav				
Name: Ji	anghui Su				
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Customer ID #58467
Dean M Munyon
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398

Page 2

PATENT REEL: 052949 FRAME: 0627

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(Signature) _		Date:
` -	Xun Zhang	
(Signature)_	Chaitanya Palusa	Date:
Name:	Chaitanya Palusa	
		Date:
Name:	Dawei Huang	
(Signature) _	do de la companya della companya del	Date: 12/04/2019
Name:	Muthukumar Vairavan	
		Date:
Name:	Jianghui Su	

Customer ID #58467

Dean M Munyon Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398 Austin, TX 78767-0398

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Page 1

(Signature) _		Date:
	Xun Zhang	
(Signature) _ Name:	Chaitanya Palusa	Date:
	Dawei Huang	Date:
(Signature) _ Name:	Muthukumar Vairavan	Date:
(Signature) _ Name:	Jeski Su Jianghui Su	Date: 08/16/2019

Customer ID #58467

Dean M Munyon Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. P.O. Box 398 Austin, TX 78767-0398

RECORDED: 06/16/2020