### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4781934

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
KENNY C. GROSS	12/20/2017	
DIETER GAWLICK	12/20/2017	
ZHEN HUA LIU	12/19/2017	
MENGYING LI	12/19/2017	

#### **RECEIVING PARTY DATA**

Name:	ORACLE INTERNATIONAL CORPORATION		
Street Address:	500 ORACLE PARKWAY		
Internal Address:	MAIL STOP 50P7		
City:	REDWOOD CITY		
State/Country:	CALIFORNIA		
Postal Code:	94065		

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15850027

#### **CORRESPONDENCE DATA**

**Fax Number:** (530)759-1665

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:** 530-759-1661

Email: jeannie@parklegal.com
Correspondent Name: A. RICHARD PARK

Address Line 1: PARK, VAUGHAN, FLEMING & DOWLER LLP

Address Line 2: 2820 FIFTH STREET

Address Line 4: DAVIS, CALIFORNIA 95618

ATTORNEY DOCKET NUMBER:	ORA18-0189
NAME OF SUBMITTER:	A. RICHARD PARK
SIGNATURE:	/A. Richard Park/
DATE SIGNED:	01/18/2018
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**Total Attachments: 4** 

PATENT REEL: 044656 FRAME: 0439

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PATENT REEL: 044656 FRAME: 0440

#### CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Kenny C. Gross 2439 Nabal Street, Escondido, CA 92025
Dieter Gawlick 757 Paul Ave., Palo Alto, CA 04306
Zhen Hua Liu 1017 Wayne Way, San Mateo, CA 94403
Mengying Li 3210 Caminito Eastbluff 57, La Jolla, CA 92037

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

MSET-BASED PROCESS FOR CERTIFYING PROVENANCE OF TIME-SERIES DATA IN A TIME-SERIES DATABASE

and hav	we executed a declaration or oath for an application for a United States patent disclosing and identifying the on:
_	On the, 20;
	Or
<u>X</u>	Said application having Application Number 15/850,027 and filed on 21 December 2017; and
	WHEREAS, Oracle International Corporation, a corporation of the State of California, having a place of
busines	ss at 500 Oracle Parkway, Mail Stop 50P7, Redwood City, CA 94065, (hereinafter termed "Assignee"), is
desirou	is of acquiring the entire right, title and interest in and to said application and the invention disclosed therein,
	and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
- 2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use

Attorney Docket No. ORA18-0189

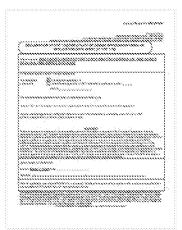
foreign countries.

proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

LKENNY AKOSI	<u>.</u>	Dec 20, 2017	
Kenny C. Gross	<del>-</del>	Date	
Dieter gandick	Ĺ	Dec 20, 2017	
Dieter Gawlick		Date	
ZHON HUA LIU Listoo 1902 (1912) 19 20 19		Dec 19, 2017	
Zhen Hua Liu		Date	
<u>]</u> Manzyinz Li	√	Dec 19, 2017	
Mengying Li	······································	Date	



# ORA18-0189 EchoSign Formal Documents

Adobe Sign Document History

12/20/2017

Creeted: 12/19/2017

By: Document Support

Status: Signed

Transaction ID: OBJCHBCAABAAAlf04ra8eQJAKyu-LX3lv-dXf91gyd5a

## "ORA18-0189 EchoSign Formal Documents" History

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Document emailed to kenny gross

for signature

12/19/2017 - 4:36:07 PM PST

Document emailed to Dieter Gawlick

for signature

12/19/2017 - 4:38:07 PM PST

Document emailed to zhen Hua Liu

for signature

12/19/2017 - 4:36:07 PM BST

Document emailed to Mengying Li

for signature

12/19/2017 - 4:36:07 PM PST

🖺 Document viewed by zhen Hua Liu

12/19/2017 - 4:38:53 PM PST- IP address: 137.254.7,172

Document e-signed by zhen Hua Liu

Signature Date: 12/19/2017 - 4:39:39 PM PST - Time Source: server- IP address: 137,254,7:172

Document viewed by Mengying Li

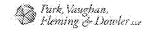
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Document e-signed by Mengying Li

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🖺 Document viewed by Dieter Gawlick

12/20/2017 - 7:31:32 AM PST-IP address: 76.126.244.99



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PATENT REEL: 044656 FRAME: 0443 Document e-signed by Dieter Gawlick

Signature Date: 12/20/2017 - 9:50:35.AM PST - Time Source: server- IP address: 146.87.23.9

Document viewed by kenny gross

12/20/2017 - 12:42:55 PM PST- IP address: 148.87:23:14

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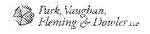
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Signed document emailed to Document Support Dieter Gawlick zhen Hua Liu

kenny gross i and

2 more

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**PATENT RECORDED: 01/18/2018**