

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5008729

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GUANGHUA SHU	03/28/2018
FRANKIE Y. LIU	04/26/2018
SUWEN YANG	03/28/2018
ZIAD SALEH SHEHADEH	03/30/2018
ERIC Y. CHANG	06/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ORACLE INTERNATIONAL CORPORATION
<b>Street Address:</b>	500 ORACLE PARKWAY
<b>Internal Address:</b>	M/S 50P7
<b>City:</b>	REDWOOD CITY
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94065
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15940681
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(530)759-1665
<i>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.</i>	
<b>Phone:</b>	530-759-1661
<b>Email:</b>	wendy@parklegal.com
<b>Correspondent Name:</b>	A. RICHARD PARK
<b>Address Line 1:</b>	PARK, VAUGHAN, FLEMING & DOWLER LLP
<b>Address Line 2:</b>	2820 FIFTH STREET
<b>Address Line 4:</b>	DAVIS, CALIFORNIA 95618
<b>ATTORNEY DOCKET NUMBER:</b>	ORA18-0413
<b>NAME OF SUBMITTER:</b>	A. RICHARD PARK
<b>SIGNATURE:</b>	/A. Richard Park/
<b>DATE SIGNED:</b>	06/15/2018

**Total Attachments: 5**

source=ORA18-0413\_Assignment\_signed#page1.tif

source=ORA18-0413\_Assignment\_signed#page2.tif

source=ORA18-0413\_Assignment\_signed#page3.tif

source=ORA18-0413\_Assignment\_signed#page4.tif

source=ORA18-0413\_Assignment\_signed#page5.tif

## CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Guanghua Shu	501 Island Parkway, Belmont, CA 94002
Frankie Y. Liu	401 Creekside Drive, Palo Alto, CA 94306
Suwen Yang	2133 Rock Street, Mountain View, CA 94943
Ziad Saleh Shehadeh	129 Pacchetti Way, Mountain View, CA 94040
Eric Y. Chang	1109 Shoreline Drive, San Mateo, CA 94404

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

*INJECTION-LOCKING PLL WITH FREQUENCY DRIFT TRACKING AND DUTY-CYCLE DISTORTION CANCELLATION*

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

\_\_\_ On the \_\_\_ day of \_\_\_\_\_, 20\_\_\_;

Or

X Said application having Application Number 15/940,681 and filed on 29 March 2018; and

WHEREAS, Oracle International Corporation, a corporation of the State of California, having a place of business at 500 Oracle Parkway, Mail Stop 5OP7, Redwood City, CA 94065, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said 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 foreign countries.

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

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

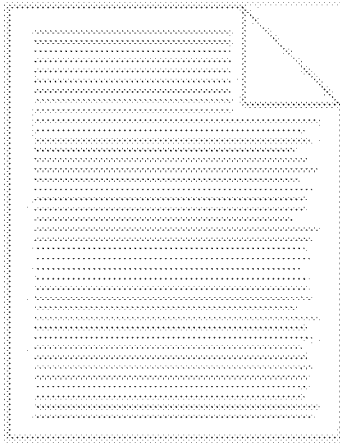
reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

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.

<u>/s/ Guanghua Shu</u> Guanghua Shu	<u>/</u> Date	Mar 28, 2018
<u>/s/ Frankie Liu</u> Frankie Y. Liu	<u>/</u> Date	Apr 26, 2018
<u>/s/ Suwen Yang</u> Suwen Yang	<u>/</u> Date	Mar 28, 2018
<u>/s/ Ziad Saleh Shehadeh</u> Ziad Saleh Shehadeh	<u>/</u> Date	Mar 30, 2018
<u>/s/ Eric Y. Chang</u> Eric Y. Chang	<u>/</u> Date	Jun 14, 2018



# ORA18-0413 EchoSign Formal Documents

Adobe Sign Document History

06/14/2018


Created:	03/28/2018
By:	Document Support
Status:	Signed
Transaction ID:	CBJCHBCAABAAfCkt9CzUXJPUNmBDjN09oHj3K4MBOT5a

## "ORA18-0413 EchoSign Formal Documents" History


- Document created by Document Support  
03/28/2018 - 4:33:50 PM PDT- IP address: 173.8.78.69
- Document emailed to Guanghua Shu for signature  
03/28/2018 - 4:36:55 PM PDT
- Document emailed to Frankie Liu for signature  
03/28/2018 - 4:36:55 PM PDT
- Document emailed to suwen yang for signature  
03/28/2018 - 4:36:55 PM PDT
- Document emailed to for signature  
03/28/2018 - 4:36:55 PM PDT
- Document emailed to for signature  
03/28/2018 - 4:36:55 PM PDT
- Email sent to bounced and could not be delivered  
03/28/2018 - 4:36:57 PM PDT
- Email sent to bounced and could not be delivered  
03/28/2018 - 4:37:32 PM PDT
- Document viewed by suwen yang  
03/28/2018 - 4:57:18 PM PDT- IP address: 148.87.23.5
- Document e-signed by suwen yang  
Signature Date: 03/28/2018 - 4:59:00 PM PDT - Time Source: server- IP address: 148.87.23.5

 Document viewed by Guanghua Shu

03/28/2018 - 5:08:30 PM PDT-IP address: 148.87.23.15

 Document e-signed by Guanghua Shu

Signature Date: 03/28/2018 - 5:10:30 PM PDT - Time Source: server- IP address: 148.87.23.15

 Document Support

replaced signer

with Eric Y. Chang

03/30/2018 - 9:54:02 AM PDT- IP address: 173.8.78.69

 Document emailed to Eric Y. Chang

for signature

03/30/2018 - 9:54:02 AM PDT

 Email sent to

bounced and could not be delivered

03/30/2018 - 9:54:27 AM PDT

 Document Support

replaced signer

with Ziad Saleh

03/30/2018 - 9:56:10 AM PDT-IP address: 173.8.78.69

 Document emailed to Ziad Saleh


for signature

03/30/2018 - 9:56:11 AM PDT


 Email sent to

bounced and could not be delivered

03/30/2018 - 9:56:27 AM PDT

 Document viewed by Eric Y. Chang


03/30/2018 - 10:10:18 AM PDT-IP address: 66.249.84.8

 Document viewed by Ziad Saleh

03/30/2018 - 1:13:15 PM PDT-IP address: 17.114.192.167

 Document e-signed by Ziad Saleh

Signature Date: 03/30/2018 - 1:14:57 PM PDT - Time Source: server- IP address: 17.219.7.8

 Email sent to Ziad Saleh


bounced and could not be delivered

03/30/2018 - 1:15:02 PM PDT

 Email sent to

bounced and could not be delivered

04/06/2018 - 9:08:32 AM PDT


 Document viewed by Eric Y. Chang

04/06/2018 - 9:58:06 AM PDT-IP address: 66.102.8.131


 Email sent to

bounced and could not be delivered

04/26/2018 - 10:43:07 AM PDT

 Document viewed by Eric Y. Chang


04/26/2018 - 11:56:35 AM PDT - IP address: 66.249.84.6

 Document viewed by Frankie Liu

04/26/2018 - 7:45:20 PM PDT - IP address: 66.249.84.6


 Document e-signed by Frankie Liu

Signature Date: 04/26/2018 - 7:45:58 PM PDT - Time Source: server - IP address: 146.74.222.34

 Email sent to

bounced and could not be delivered


05/14/2018 - 11:38:17 AM PDT

 Document viewed by Eric Y. Chang

06/14/2018 - 12:28:27 PM PDT - IP address: 66.249.84.228

 Document e-signed by Eric Y. Chang

Signature Date: 06/14/2018 - 2:47:38 PM PDT - Time Source: server - IP address: 75.37.203.39

 Signed document emailed to Guanghua Shu  
Frankie Liu  
and 5 more

suwen yang  
Document Support

06/14/2018 - 2:47:38 PM PDT