### 505290088 01/22/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PADMANABHAN KRISHNAN	01/15/2019
REBECCA JANE O'DONOGHUE	01/15/2019
NICHOLAS JOHN ALLEN	01/21/2019
YI LU	01/15/2019

#### **RECEIVING PARTY DATA**

Name:	ORACLE INTERNATIONAL CORPORATION
Street Address:	500 ORACLE PARKWAY, MS 5OP7
City:	REDWOOD SHORES
State/Country:	CALIFORNIA
Postal Code:	94065

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

Property Type	Number
Application Number:	16253957

### **CORRESPONDENCE DATA**

**Fax Number:** (713)403-4201

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:** 7134034200

**Email:** jhathaway@fbfk.law **Correspondent Name:** FBFK/ORACLE

Address Line 1: 9 GREENWAY PLAZA

Address Line 4: HOUSTON, TEXAS 77046

ATTORNEY DOCKET NUMBER:	33228/022001
NAME OF SUBMITTER:	ROBERT P. LORD
SIGNATURE:	/Robert P. Lord/
DATE SIGNED:	01/22/2019

**Total Attachments: 2** 

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PATENT 505290088 REEL: 048094 FRAME: 0145



## 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, Mail Stop 50P7

Redwood Shores, California 94065

**United States of America** 

(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 (referred to herein as "INVENTION"):

#### SCALABLE INCREMENTAL ANALYSIS USING CALLER AND CALLEE SUMMARIES

for which the INVENTOR(S) or COMPANY has/have made an application for patent in the United States of America, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) that 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 that 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 that 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 that may be necessary to obtain the grant of valid and enforceable patents 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 grants to the firm of FERGUSON BRASWELL FRASER KUBASTA PC the power to insert on this Assignment any further identification that 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.

PATENT REEL: 048094 FRAME: 0146



rlord@FBFK.LAW DIRECT (713) 403-4248 FAX (713) 403-4201

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

15/01/2019	1st Inventor Signature:	Redmanathe
Date	Print or Type Name:	Padmanabhan Krishnan
15/01/19	2nd Inventor Signature:	
Date	Print or Type Name:	Rebecca Jane O'Donoghue
21/01/19	3rd Inventor Signature:	N. Alder
Date	Print or Type Name:	N icholas John Allen
15 Jan 2019	4th Inventor Signature:	1
Date	Print or Type Name:	Yi Lu

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. Application Serial No.: 16/253,957 Filing Date: January 22, 2019

> PATENT REEL: 048094 FRAME: 0147

**RECORDED: 01/22/2019**