504265466 03/09/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SRIKANTH BONDALAPATI	02/24/2017
RAFI AHMED	03/07/2017
SANKAR SUBRAMANIAN	03/07/2017

## **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:	15454739

## CORRESPONDENCE DATA

Fax Number: (408)877-1662

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: 408-321-8663

Email: ev@viplawgroup.com

**Correspondent Name:** PETER C. MEI

Address Line 1: VISTA IP LAW GROUP, LLP

Address Line 2: 2160 LUNDY AVENUE, SUITE 230 Address Line 4: SAN JOSE, CALIFORNIA 95131

ATTORNEY DOCKET NUMBER:	ORA160577-US-CIP-1	
NAME OF SUBMITTER:	PETER C. MEI	
SIGNATURE:	/Peter C. Mei/	
DATE SIGNED:	03/09/2017	

### **Total Attachments: 4**

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**PATENT** REEL: 041531 FRAME: 0792 504265466

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PATENT REEL: 041531 FRAME: 0793

Docket No.: ORA160577-US-CIP-1

#### ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, Srikanth BONDALAPATI, Rafi AHMED, and Sankar
SUBRAMANIAN (hereinafter referred to as "ASSIGNORS"), have invented a certain invention
entitled DUPLICATE REDUCTION OR ELIMINATION WITH HASH JOIN
OPERATIONS, for which Utility Application for Letters Patent of the United States of America is
being filed herewith, and

WHEREAS, Oracle International Corporation, a corporation of California, and having a business address of 500 Oracle Parkway, Redwood Shores, CA 94065 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any provisional from which priority is claimed, continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention or treaties; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

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ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

 $\frac{2/24/2017}{\text{Date}}$ 

Srikanth BONDALAPATI

Assignment

Docket No.: ORA160577-US-CIP-1

Qhue L

3/7/2017

Date /

Rafi AHMED

Assignment

Docket No.: ORA160577-US-CIP-1

<u> 3/7/20/7</u>-

Sankar SUBRAMANIAN

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PATENT REEL: 041531 FRAME: 0797