PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPAN SINDELAR	05/31/2016
PADMANABHAN KRISHNAN	05/31/2016
BERNHARD SCHOLZ	05/31/2016
RAGHAVENDRA KAGALAVADI RAMESH	05/31/2016
YI LU	05/31/2016

RECEIVING PARTY DATA

Name:	ORACLE INTERNATIONAL CORPORATION
Street Address:	500 ORACLE PARKWAY, MAIL STOP 50P7
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15169710

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	33227/981001
NAME OF SUBMITTER:	ROBERT P. LORD
SIGNATURE:	/Robert P. Lord/
DATE SIGNED:	06/02/2016

Total Attachments: 2

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PATENT REEL: 038792 FRAME: 0126

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Attorney Docket No.: 33227/981001; ORA160584-US-NP

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 5op7 Redwood Shores, California 94065

(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:

SCALABLE PROVENANCE GENERATION FROM POINTS-TO INFORMATION

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) which 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 which 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;
- 2. To execute all papers and documents and to perform all lawful acts which 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 which may be necessary to obtain the grant of a valid and enforceable patent 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 OSHA LIANG LLP the power to insert on this Assignment any further identification which 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: 038792 FRAME: 0127 IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

	1st Inventor Signature: Print or Type Name:	Stepan Sindelar
31/May 2016	2 nd Inventor Signature: Print or Type Name:	Pedman athan Padmanabhan Krishnan
31 / 5 / 2016 Date	3 rd Inventor Signature: Print or Type Name:	Bernhard Scholz
31 05 2016 Date	4 th Inventor Signature: Print or Type Name:	K. R. Raghavens Raghavendra Kagalavadi Ramesh
3//05/20H	5th Inventor Signature: Print or Type Name:	Yi Lu

When this Assignment is <u>not</u> filed concurrently with the potent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 15/169,710
Filing Date: May 31, 2016

OSHALIANG

Intellectual Property Law

PATENT REEL: 038792 FRAME: 0128

RECORDED: 06/02/2016