PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4267925

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BJØRN DAG JOHNSEN	01/20/2017
BARTOSZ BOGDANSKI	01/20/2017
LINE HOLEN	01/19/2017
PRABHUNANDAN NARASIMHAMURTHY	02/08/2017
ANKITA BHANDARY	02/07/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15414277

CORRESPONDENCE DATA

Fax Number: (415)617-2409

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: 415-617-2400

Email: officeactions@tuckerellis.com

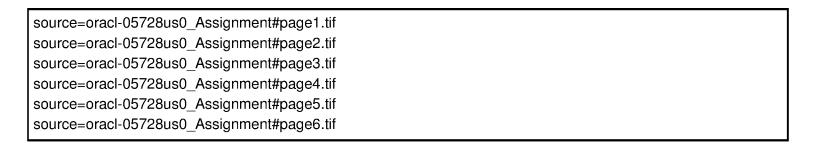
Correspondent Name: TUCKER ELLIS LLP
Address Line 1: ONE MARKET PLAZA

Address Line 2: STEUART TOWER, SUITE 700

Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	ORACL-05728US0
NAME OF SUBMITTER:	MICHAEL T. ADELSHEIM
SIGNATURE:	/ Michael T. Adelsheim /
DATE SIGNED:	02/09/2017

Total Attachments: 6



ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

BJØRN DAG JOHNSEN, a resident of Oslo, Norway; BARTOSZ BOGDAŃSKI, a resident of Oslo, Norway:

LINE HOLEN, a resident of Oslo, Norway;

PRABHUNANDAN NARASIMHAMURTHY, a resident of Santa Clara, California, United States of America: and

ANKITA BHANDARY, a resident of Bangalore, KA, INDIA.

(full name(s) and city and state of residence of inventor(s) (including country))

(hereinafter referred to as ASSIGNOR(S)), has made a discovery and/or invention entitled:

SYSTEM AND METHOD FOR SUPPORTING SMA LEVEL ABSTRACTIONS AT ROUTER PORTS FOR ENABLEMENT OF DATA TRAFFIC IN A HIGH PERFORMANCE COMPUTING ENVIRONMENT

	for which application for Letters Patent of the United States has been executed on,
\boxtimes	for which application for Letters Patent of the United States has been filed on $\underline{24\text{-JAN-}2017}$, under Application No. $\underline{15414277}$, and claiming priority to U.S. Provisional Application No. 62/303,646 filed March 4, 2016.
WHE	REAS:
	Oracle International Corporation, a corporation of California, having a business address of 500
	Oracle Parkway, Mail Stop 5OP7, Redwood Shores, CA 94065

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE in accordance with the terms of this instrument.

Oracle Matter No. 10-1-03 ORA160568-US-NP-6 -

I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over:

AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE communicate to the ASSIGNEE as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisionals, continuations, continuation-in-parts of the said applications shall hereafter be desired by the ASSIGNEE, I will, at any time, when called upon to do so by the ASSIGNEE sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuation-in-parts, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE.

ASSIGNOR hereby authorizes and requests the prosecuting law firm to insert herein above the application number and filing date of said application when known.

Inventor(s): Please Sign and Date Below:

ORA160568-US-NP-6

(1)	BOM Dag Johnsen	Date: January 20th, 2	2017
(2)	Bellon Bogdothi BARTOSZ BOGDÁNSKI	Date: Journal 2014, 2	017
(3)	Line Holen	Date: January 19th, 20	017
(4)	PRABHUNANDAN NARASIMHAMU	Date:	
(5)	ANKITA BHANDARY	Date:	
Oracle	Matter No.		10-1-03

PATENT REEL: 041217 FRAME: 0736

2

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

BJORN DAG JOHNSEN, a resident of Oslo, Norway: BARTOSZ BOGDAŃSKI, a resident of Oslo, Norway;

LINE HOLEN, a resident of Oslo, Norway:

PRABHUNANDAN NARASIMHAMURTHY, a resident of Santa Clara, California, United States of America; and

ANKITA BHANDARY, a resident of Bangalore, KA, INDIA.

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	for which application for Letters Patent of the United States has been executed on
	for which application for Letters Patent of the United States has been filed on 24-JAN-2017 under Application No. 15414277 and claiming priority to U.S. Provisional Application No. 62/303,646 filed March 4, 2016.
WHER	EAS: Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 50P7, Redwood Shores, CA 94065

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(5) hereby sells, assigns and transfers to ASSIGNEE, the full and exclusive right, title and interest to said discovery or invention in the United States and its territorial possessions and in all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, reexamination, renewal, substitute, reissue and/or any application claiming priority thereof, including any legal equivalent thereof, in a foreign country for the full term or terms for which the same may be granted.

I, SAID ASSIGNOR(S), hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, file and interest in, to and under the same, for the sole use and benefit of the ASSIGNEE in accordance with the terms of this instrument.

1

Oracle Matter No. ORA160568-US-NP-6

10-1-03

I, SAID, ASSIGNOR(S), hereby covenant with ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that I have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over;

AND I, SAID ASSIGNOR(S) bereby further covenant and agree that the ASSIGNEE may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE communicate to the ASSIGNEE as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisionals, continuations, communation-in-parts of the said applications shall hereafter be desired by the ASSIGNEE, I will, at any time, when called upon to do so by the ASSIGNEE sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuation-in-parts, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE.

ASSIGNOR hereby authorizes and requests the prosecuting law from to insert herein above the application number and filing date of said application when known.

Inventor(s): Please Sign and Date Below:

BJØRN DAG JOHNSEN	Date:	
BARTOSZ BOGDAŃSKI	Date:	
LINE HOLEN	Date;	**************************************
PRABHUYANDAN NARASIM	Date; HAMURTHY	2/8/20
ANKITA BHANDARY	Date:	

2

Oracle Matter No. ORA160568-US-NP-6

10-1-03

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

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	for which application for Letters Patent of the United States has been executed on
Ø	for which application for Letters Patent of the United States has been filed on <u>24-Jan-2017</u> , under Application No. <u>15414277</u> , and claiming priority to U.S. Provisional Application No. 62/303,646 filed March 4, 2016.

WHEREAS:

Oracle International Corporation, a corporation of California, having a business address of 500 Oracle Parkway, Mail Stop 50P7, Redwood Shores, CA 94065

and which, together with its successors, assigns, and legal representatives, is hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

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Oracle Matter No. ORA160568-US-NP-6 10-1-03

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AND I, SAID ASSIGNOR(S) hereby further covenant and agree that the ASSIGNEE may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that I will, at any time, when called upon to do so by the ASSIGNEE communicate to the ASSIGNEE as the case may be, any facts known to me respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE and that if reissues or reexaminations of the said Letters Patent or disclaimers relating thereto, or divisionals, continuations, continuation-in-parts of the said applications shall hereafter be desired by the ASSIGNEE, I will, at any time, when called upon to do so by the ASSIGNEE sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation, continuation-in-part, reexamination, and reissue applications so desired, and do all lawful acts requisite for the application for such continuations, continuation-in-parts, divisionals, reexaminations, or reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE.

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Inventor(s): Please Sign and Date Below:

BJØRN DAG JOHNSEN	Date:	
BARTOSZ BOGDAŃSKI	Date:	
LINE HOLEN	Date:	
PRABHUNANDAN NARASIMHA	Date: AMURTHY	·
K Belijta Chandry	Date:	7-FE8-

Oracle Matter No. ORA160568-US-NP-6

10-1-03