505250557 12/21/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5297338

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BJØRN DAG JOHNSEN	01/25/2017
ARVIND SRINIVASAN	01/26/2017
SHIMON MULLER	01/25/2017

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Name:	ORACLE INTERNATIONAL CORPORATION	
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City:	REDWOOD SHORES	
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Postal Code: 94065		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16230167		

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	ORACL-05737USB
NAME OF SUBMITTER:	MICHAEL E. HUDZINSKI
SIGNATURE: /Michael E Hudzinski/	
DATE SIGNED:	12/21/2018

Total Attachments: 3

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> **PATENT REEL: 047844 FRAME: 0740** 505250557

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Bjørn Dag Johnsen, a resident of Oslo, Norway; Arvind Srinivasan, a resident of San Jose, California, United States of America; and Shimon Muller, a resident of Sunnyvale, California, United States of America.

(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 USING SUBNET PREFIX VALUES IN GLOBAL ROUTE HEADER (GRH) FOR LINEAR FORWARDING TABLE (LFT) LOOKUP IN A HIGH PERFORMANCE COMPUTING ENVIRONMENT

	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, under Application No, and claiming priority to U.S. Provisional Application No. 62/288,101 filed January 28, 2016.
WHER	EAS:
	Oracle International Corporation, a corporation of California, having a business address of 500
	Oracle Parkway, Mail Stop 5OP7, Redwood Shores, CA 94065
	388
ASSIC in, to a	nich, together with its successors, assigns, and legal representatives, is hereinafter referred to as NEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and nd 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. ORA160569-US-NP-1

10-1-03

PATENT REEL: 047844 FRAME: 0741 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 ASSIGNUE may apply for foreign Letters Patent on said discovery or invention and claim the banefits 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 outilis, 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:

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		14-10444	yi	(A)44,72537	44.20 L. J.	
	Bjorn Dag Jol	<u>nisen</u>		***************************************		
(2)	Arvind Srinty		Date:			
	Aryind Sriniv.	.1521 0				
1.3	Mulle	ar en	Date: 🖊 🗸 🕹	42		
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Oracle Matter No. ORA160569-US-RP-1

PATENT

REEL: 047844 FRAME: 0742

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 be 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 fawful 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:

(1)	Date:
Bjørn Dag Johnsen	
(2) - Anel	
<u>Arvind Srinivasan</u>	
(3) Shimon Mullar	Date:

Oracle Matter No. ORA160569-US-NP-1

10-1-03

PATENT REEL: 047844 FRAME: 0743