503031613 10/23/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT3078213

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| KIRAN PALAN | 08/15/2014 |
| ALEXANDRE HARDY | 08/18/2014 |

RECEIVING PARTY DATA

| Name: | ORACLE INTERNATIONAL CORPORATION | | |
|--|----------------------------------|--|--|
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| City: REDWOOD SHORES | | | |
| State/Country: | State/Country: CALIFORNIA | | |
| Postal Code: | 94065 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14377811 | |

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| ATTORNEY DOCKET NUMBER: | 88325-915765(139700US) |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | CHRISTIAN A. NICHOLES |
| SIGNATURE: | /ChristianANicholes/ |
| DATE SIGNED: | 10/23/2014 |

Total Attachments: 3

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PATENT 503031613 REEL: 034020 FRAME: 0239

Attorney Docket No. 88325-915765(139700US)
U.S. Application No.: <u>14/377.811</u>

ASSIGNMENT OF APPLICATION FOR PATENT

| WHER | REAS: 2 SUA Alexandre Hardy, 21 York C | ISET CRESCENT, PINELAN lose, Howard Hamlet, University D | DIS, CAPE TOWN, TO SOUTH A | | | |
|---|---|---|--|--|--|--|
| Town 7405 South Africa | | | | | | |
| | Kiran Palan, 500 Oracle Park | way, M/S 5OP7, Redwood Shores. | California 94065, | | | |
| United States of America | | | | | | |
| | (full name(s) and city and state of res | idence of inventor(s) (including co | untry)) | | | |
| (herein | (hereinafter referred to as ASSIGNOR(S)), has made a discovery and/or invention entitled: | | | | | |
| | CLOUD COMPUTING SERVICE | S FRAMEWORK | | | | |
| | for which application for Letters Pate | ent of the United States has been ex | ecuted on | | | |
| \boxtimes | for which application for Letters Pate, under Application No14/ | ent of the United States has been file 377,811, and | ed on August 8, 2014 | | | |
| 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. | | | | | | |
| NOW, | THEREFORE, TO ALL WHOM IT M | MAY CONCERN: | | | | |
| ASSIG and inte foreign territori applica reissue | nown that for good and valuable consi- NOR(S) hereby sells, assigns and tran- erest to said discovery or invention in countries and to all Letters Patent or s- ial possessions and in any and all forei- tion or any continuation, continuation- and/or any application claiming priori- country for the full term or terms for | sfers to ASSIGNEE, the full and exthe United States and its territorial similar legal protection in the Unite gn countries to be obtained for said-in-part, divisional, reexamination, ty thereof, including any legal equi | sclusive right, title possessions and in all d States and its I invention by said renewal, substitute, | | | |
| 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. | | | | | | |
| | Matter No. 30881-US-PCT | 1 | 10-1-03 | | | |

PATENT REEL: 034020 FRAME: 0240

Attorney Docket No. 88325-915765(139700US) U.S. Application No.: 14/377,811

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:

(1)

Kiral Palan

Date

Attorney Docket No. 88325-915765(139700US)
U.S. Application No.: 14/377,811

(2) a flavely Date: 08/18/2014

Oracle Matter No. ORA130881-US-PCT

RECORDED: 10/23/2014

10-1-03