PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6154861

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SURNAMES OF THE SECOND- AND EIGHTH-NAMED INVENTORS FOR THE SUBJECT APPLICATION previously recorded on Reel 052874 Frame 0464. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNOR'S INTEREST.

CONVEYING PARTY DATA

Name	Execution Date
ALBERTO POLLERI	06/04/2020
LARISSA CRISTINA DOS SANTOS ROMUALDO SUZUKI	05/15/2020
SERGIO ALDEA LOPEZ	05/20/2020
MARC MICHIEL BRON	05/19/2020
DAN DAVID GOLDING	05/18/2020
ALEXANDER IOANNIDES	05/19/2020
MARIA DEL ROSARIO MESTRE	05/18/2020
HUGO ALEXANDRE PEREIRA MONTEIRO	05/21/2020
OLEG GENNADIEVICH SHEVELEV	05/28/2020
XIAOXUE ZHAO	05/18/2020
MATTHEW CHARLES ROWE	05/18/2020

RECEIVING PARTY DATA

Name:	ORACLE INTERNATIONAL CORPORATION		
Street Address: 500 ORACLE PARKWAY			
nternal Address: MAIL STOP 50P7			
City: REDWOOD SHORES			
State/Country: CALIFORNIA			
Postal Code:	94065		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16892724	

CORRESPONDENCE DATA

Fax Number: (303)571-4321

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: 404-815-6500

Email: prader@kilpatricktownsend.com

PATENT REEL: 052947 FRAME: 0027

506108139

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP

Address Line 1: 1100 PEACHTREE STREET, N.E.

Address Line 2: SUITE 2800

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	088325-1169916-264630US
NAME OF SUBMITTER:	PAMELA RADER
SIGNATURE:	/Pamela Rader/
DATE SIGNED:	06/16/2020

Total Attachments: 14

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PATENT REEL: 052947 FRAME: 0028

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6143815

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALBERTO POLLERI	06/04/2020
LARISSA CRISTINA DOS SANTOS ROMUALDO SUZUKI	05/15/2020
SERGIO ALDEA LOPEZ	05/20/2020
MARC MICHIEL BRON	05/19/2020
DAN DAVID GOLDING	05/18/2020
ALEXANDER IOANNIDES	05/19/2020
MARIA DEL ROSARIO MESTRE	05/18/2020
HUGO ALEXANDRE PEREIRA MONTEIRO	05/21/2020
OLEG GENNADIEVICH SHEVELEV	05/28/2020
XIAOXUE ZHAO	05/18/2020
MATTHEW CHARLES ROWE	05/18/2020

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Internal Address: MAIL STOP 50P7			
City:	REDWOOD SHORES		
State/Country:	CALIFORNIA		
Postal Code:	94065		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16892724

CORRESPONDENCE DATA

Fax Number: (303)571-4321

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: 404-815-6500

Email: prader@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP

Address Line 1: 1100 PEACHTREE STREET, N.E.

Address Line 2: **SUITE 2800**

PATENT -

REEL: 052947 FRAME: 0029

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Alberto Polleri, a citizen of Italy, residing at 55 Kingsley Avenue London W13 0EH United Kingdom

Larissa Cristina Dos Santos Romualdo Suzuki, a citizen of Italy, residing at 18 Barford Drive Wokingham RG40 5AR United Kingdom

Sergio Aldea Lopez, a citizen of Spain, residing at Flat 509 Landmark East Tower 24 Marsh Wall London E14 9BT United Kingdom

Marc Michiel Bron, a citizen of the Netherlands, residing at 32 Weavers Way
London NW1 0XE
United Kingdom

Dan David Golding, a citizen of the United Kingdom, residing at 14A Dunrobin Court 391 Finchley Road London, NW36HF United Kingdom

Alexander Ioannides, a citizen of the United Kingdom, residing at 42 Guernsey Grove London SE24 9DE United Kingdom

Maria del Rosario Mestre, a citizen of Spain, residing at 55 Compton Road London, N12PB United Kingdom

Hugo Alexandre Pereira Monteiro, a citizen of Portugal, residing at 129 Vanguard Building 18 Westferry Road London, E14 8LZ United Kingdom

Oracle Matter No. ORA200213-US-NP-8 Oleg Gennadievich Shevelev, a citizen of the Russian Federation, residing at 46 Kennet Street London, E1W 2JJ United Kingdom

Xiaoxue Zhao, a citizen of China, residing at 85 Sebright Road London, EN5 4HP United Kingdom

Matthew Charles Rowe, a citizen of the United Kingdom, residing at 3 Ashridge Close Bletchley, Milton Keynes MK3 7SE United Kingdom

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

TECHNIQUES FOR ADAPTIVE AND CONTEXT-AWARE AUTOMATED SERVICE COMPOSITION FOR MACHINE LEARNING (ML)

	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 June 4, 2020, under Application No. 16/892,724, and		

WHEREAS:

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

Oracle Matter No. ORA200213-US-NP-8

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.

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:

	Alberto Palleri		6/4/2020	
(1)	Alberto Polleri	***************************************	Date:	*********

Oracle Matter No. ORA200213-US-NP-8

(2) Larissa Cristina Dos Santos Romualdo Suzuki 5/15/2020

Larissa Cristina Dos Santos Romualdo Suzuki

(3)	Sergio Aldea lopes	 Date:	5/20/2020
	Sergio Aldea Lopez		

(4)	Mare Miduel Bron		5/19/2020 Date:	
(7)	Marc Michiel Bron	***************************************	Date	

(5)	Dan David Golding		5/18/2020 Date:
	Dan David Golding	***************************************	** ***********************************

(6)	Alexander loannides	5/19/2020 Date:
	Alexander Ioannides	

(7)	Maria del Rosario Mestre		5/18/2020
	Maria del Rosario Mestre	*****	Date:

(8)	Hugo Alexandre Pereira Monteiro	5/21/2020		
	Hugo Alexandre Pereira Monteiro	·		

(9)	Oleg Gennadievich Sheveler	5/28/2020 Date:
()	Oleg Gennadievich Shevelev	

(10)	_ {~	0	 Date:	5/18/2020	
	Xiaoxue Zhao				

(11)	Matthew Charles Rowe		Date:	5/18/2020
(11)	Matthew Charles Rowe	**********	Date	

Oracle Matter No. ORA200213-US-NP-8

RECORDED: 06/16/2020

PATENT REEL: 052947 FRAME: 0042