505742627 10/25/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5789440

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
	Corrective Assignment to correct the RECEIVING PARTY DATA TO READ "CAPITAL ONE SERVICES, LLC" previously recorded on Reel 043449 Frame 0259. Assignor(s) hereby confirms the ASSIGNMENT.	

CONVEYING PARTY DATA

Name	Execution Date
ANOOP KUNJURAMAN PILLAI	07/26/2017
JONATHAN LEE	07/31/2017
VENU GOPAL RAO MEDA	07/26/2017
DAN TRESNAK	07/28/2017
RAVEENDER KOMMERA	08/07/2017
LEONARDO GOMIDE	07/28/2017

RECEIVING PARTY DATA

Name:	CAPITAL ONE SERVICES, LLC
Street Address:	1680 CAPITAL ONE DRIVE
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22102

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15690853

CORRESPONDENCE DATA

Fax Number:

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: 5714320800

Email: sstesney@harrityllp.com
Correspondent Name: HARRITY & HARRITY, LLP
Address Line 1: 11350 RANDOM HILLS ROAD

Address Line 2: SUITE 600

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER: 15/690,853

NAME OF SUBMITTER: NATALIE PARCELL

SIGNATURE: /Natalie Parcell/

PATENT REEL: 050832 FRAME: 0016

505742627

DATE SIGNED:	10/25/2019
Total Attachments: 10	
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504526482 08/30/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4573188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANOOP KUNJURAMAN PILLAI	07/26/2017
JONATHAN LEE	07/31/2017
VENU GOPAL RAO MEDA	07/26/2017
DAN TRESNAK	07/28/2017
RAVEENDER KOMMERA	08/07/2017
LEONARDO GOMIDE	07/28/2017

RECEIVING PARTY DATA

Name:	CAPITAL ONE SERVICES LLC
Street Address:	1680 CAPITAL ONE DRIVE
City:	MCLEAN
State/Country:	VIRGINIA
Postal Code:	22102

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15690853

CORRESPONDENCE DATA

Fax Number: (202)778-2201

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: 202 955 1500

Email: patdcdocket@hunton.com

HUNTON & WILLIAMS LLP/CAPITAL ONE SERVIC Correspondent Name:

Address Line 1: 2200 PENSYLVANIA AVENUE, NW

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	67519.001501
NAME OF SUBMITTER:	DANIEL G. VIVARELLI, JR.
SIGNATURE:	/Daniel G. Vivarelli, Jr./
DATE SIGNED:	08/30/2017

Total Attachments: 8

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source=67519-1501-Assignment#page8.tif	

ATTORNEY DOCKET No.: 67519.001501

ASSIGNMENT AND DECLARATION

WHEREAS, WE, Anoop KUNJURAMAN PILLAI, residing at 5000 Whitestone Ln APT 424, Plano TX 75024; Jonathan LEE, residing at 5275 Town and Country Blvd, Apt. # 2252, Frisco, TX 75034; Venu Gopal Rao MEDA, residing at 9100 Independence Pkwy, Apt 1109, Plano, TX, 75025; Dan TRESNAK, residing at 1876 Natural Bridge Drive, Frisco, TX 75034; Raveender KOMMERA, residing at 3004 Myrtice Drive, Flower Mound, TX 75022; Michael CARRILLO, residing at 8404 Warren Parkway, Apt. # 1132, Frisco, TX 75034; and Leonardo GOMIDE, residing at 3900 Vitruvian Way, Apt. # 556, Addison, TX 75001; have invented certain new and useful improvements in and to the subject matter of:

SYSTEM AND METHOD FOR CLOUD-BASED ANALYTICS

described in an application for United States Letters Patent the specification of which:

			are specialistic or	
	is attached hereto			
\boxtimes	was filed on:August 30, 2017			_
	as United States Provisional	Application No.:15/69	90,853	<u>.</u>
	as United States Application	No.:		_
	or PCT International Applica	tion No.:		_
	and was amended on:			(if applicable)

AND, WHEREAS, **CAPITAL ONE SERVICES**, **LLC**, a corporation organized under the laws of the State of Delaware, having a place of business located at **1680 Capital One Drive**, **McLean**, **Virginia 22102** (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, WE do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, Hunton & Williams LLP, whose address is 2200 Pennsylvania Avenue, N.W., Washington, DC 20037-1701, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions, post-grant review, *inter partes* review or derivation proceedings, supplemental examination or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, We have hereunto set our hands and seals.

\boxtimes	The above-identified application was made or authorized to be made by me.		
\boxtimes	I believe I am the original inventor or an original joint inventor of a claimed invention in the application.		
	I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
07-26-	2017		
Date		Anoop KUNJURAMAN PILLAI	
WITNESSES:			
		_	

HUNTON & WILLIAMS LLP
INTELLECTUAL PROPERTY DEPARTMENT
2200 PENNSYLVANIA AVENUE, N.W.
WASHINGTON, DC 20037
(202) 955-1500 (TELEPHONE)
(202) 778-2201 (FACSIMILE)

M .	The above-identified application w	as made or authorized to be made by me.		
23	I believe I am the original inventapplication.	or or an original joint inventor of a claim	sed invention in th	
3	I hereby acknowledge that any willful felse statement made in this statement is punishable un 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
jerit d	/31/2017	Quit Su		
Date		Josáthan LEE		
WIT	NESSES:			

HUNTON & WHILESIS LLP INTELLECTUAL PROPERTY DEPARTMENT 2288 PENNSYLVANIA AVENUE, N.W. WASHINGTON, DC 28837 (202) 955-1566 (TELEPHONE) (202) 778-2201 (PACSIMILE)

\boxtimes	The above-identified application was made or authorized to be made by me.
	I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
\boxtimes	I hereby acknowledge that any willful false statement made in this statement is punishable unde 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
<u>07</u> Date	Venu Gophi Nao MEDA
WITN	ESSES:

Hunton & Whliams LLP
Intellectual Property Department
2200 Pennsylvania Avenue, N.W.
Washington, DC 20037
(202) 955-1500 (Telephone)
(202) 778-2201 (facsimile)

\boxtimes	The above-identified application was made or authorized to be made by me.	
	I believe I am the original inventor or an original joint inventor of a claimed invention in the application.	
\boxtimes	I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
7/ Date	28/2017 Dan TRESNAR / TZ	
WITN	ESSES:	

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Intellectual Property Department
2200 Pennsylvania Avenue, N.W.
Washington, DC 20037
(202) 955-1500 (telephone)
(202) 778-2201 (facsimile)

\boxtimes	The above-identified application was made or authorized to be made by me.		
	I believe I am the original invapplication.	e I am the original inventor or an original joint inventor of a claimed invention in the	
\boxtimes	I hereby acknowledge that any willful false statement made in this statement is punishable us 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
0	8.07.2017	J. Rancel	
Date		Raveender KOMMERA	
WIT	NESSES:		

HUNTON & WILLIAMS LLP INTELLECTUAL PROPERTY DEPARTMENT 2200 PENNSYLVANIA AVENUE, N.W. WASHINGTON, DC 20037 (202) 955-1500 (TELEPHONE) (202) 778-2201 (FACSIMILE)

☑ The above-identified application was made or authorized to be made by me. ☑ I believe I am the original inventor or an original joint inventor of a claimed invention in the application. ☑ I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. ☑ Michael CARRILLO WITNESSES:

IN WITNESS WHEREOF, We have hereunto set our hands and seals.

HUNTON & WILLIAMS LLP
INTELLECTUAL PROPERTY DEPARTMENT
2200 PENNSYLVANIA AVENUE, N.W.
WASHINGTON, DC 20037
(202) 955-1500 (TELEPHONE)
(202) 778-2201 (FACSIMILE)

7 of 8

\bowtie	The above-identified application was made or authorized to be made by me.
	I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
\boxtimes	I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
<u>07</u> Date	28/17 Leonardo GOMIDE
WITN	ESSES:

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