505569224 07/12/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5616021

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUDHAKAR REDDY PATIL	07/11/2019
VIOLETA CAKULEV	07/12/2019
LALIT R. KOTECHA	07/12/2019
RAVI POTLURI	07/12/2019

RECEIVING PARTY DATA

Name:	VERIZON PATENT AND LICENSING INC.
Street Address:	ONE VERIZON WAY
City:	BASKING RIDGE
State/Country:	NEW JERSEY
Postal Code:	07920

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16510185

CORRESPONDENCE DATA

Fax Number: (703)439-2658

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ATTORNEY DOCKET NUMBER:	R: 20190265	
NAME OF SUBMITTER:	THOMAS W. EDMAN	
SIGNATURE:	/Thomas W. Edman, Reg. No. 51,643/	
DATE SIGNED:	07/12/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

PATENT REEL: 049737 FRAME: 0879 source=20190265_Declaration_Assignment_0021-1593#page1.tif source=20190265_Declaration_Assignment_0021-1593#page2.tif

PATENT REEL: 049737 FRAME: 0880

VZ Docket No.: 20190265

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

is being filed concurrently herewith, Application Number to be assigned by the USPTO, or was filed on ______ as United States Application Number _____ or PCT International Application

the patent application for which:

Number_____.

Patent Application Title: SYSTEM AND METHOD OF CLOSED LOOP ANALYTICS FOR NETWORK AUTOMATION

As a below named inventor, I hereby declare that: • the above-identified application was made or authorized to be made by me; • I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and • I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (S) years, or both. Inventor Assignment Acknowledgement For good and valuable consideration, the receipt of which is hereby acknowledged. I agree as follows: A. I hereby assign to the Verizon legal entity identified below ("Assignce"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), provisional, substitute, renewal, reissue, reexamination, opposition, post-grant review, inter partes review or other applications, proceedings or registrations or ideas, or based on or claiming priority to said application; and in and to all original, reissued, reexamination or original substitute, renewal, reissue, reasonable is said in the United States and foreign countries from any of said applications, proceedings or registrations; and in and to all original, reissued, reexamination or continued Letters Patent which have been or shall be filled in the United States and foreign countries from any of said applications, proceedings or registrations; and in and or all rights of priority resulting from the filing of any of said applications, proceedings or registrations (all collectively, the "Placent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial design, design registrations and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property. B. I agree (i) that	<u>Declaration of</u>	<u>f Inventor</u>	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Inventor Assignment Acknowledgement	As a below named inventor, I hereby declare that:		
For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows: A. I bereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), provisional, substitute, renewal, reissue, reexamination, opposition, post-grant review, inter partes review or other applications, proceedings or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original, reissued, reexamined or confirmed Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications, proceedings or registrations; and in and to all rights of priority resulting from the filing of any of said applications, proceedings or registrations; and in and to all rights."). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, design registrations and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property. B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee (or its successors and/or assigns) without compensation (but at Assignee's expense); (iii) that I appoint Assignee (acting through its representatives) as my attorney-in-fact, such appointment being irrevocable and coupled with the interest in the Patent Rights, with full authority in my place and stead and in my name to take a	 I believe that I am the original inventor or an original joint in application; and I hereby acknowledge that any willful false statement made in 	wentor of a claimed invention in the above-referenced	е
A. I bereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), provisional, substitute, renewal, reissue, reexamination, opposition, post-grant review, inter partes review or other applications, proceedings or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original, reissued, reexamined or confirmed Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications, proceedings or registrations; and in and to all original, reissued, reexamined or confirmed Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications, proceedings or registrations, and in and to all original, reissued, reexamined or confirmed Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications, proceedings or registrations, and in and to all original review for priority resulting from the filing of any of said applications, proceedings or registrations, and in and to all original, reissued, reexamined or confirmed Letters Patent have a provided in the United States and foreign countries from any of said applications, proceedings or registrations, and in and to all original, resulting models, industrial designs, design registrations and any other form of industrial property recognized under the Patent Rights models, industrial designs, design registrations and any other form of industrial Property. B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights w	Inventor Assignment A	Acknowledgement	
worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), provisional, substitute, renewal, reissue, reexamination, opposition, post-grant review, inter partes review or other applications, proceedings or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original, reissued, reexamined or confirmed Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications, proceedings or registrations; and in and to all rights of priority resulting from the filing of any of said applications, proceedings or registrations; and in and to all rights of priority resulting from the filing of any of said applications, proceedings or registrations; and in and to all rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, design registrations and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property. B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee (or its successors and/or assigns) without compensation (but at Assignee's replaced to the Patent Rights when requested by Assignee (or its successors and stead and in my name to take any action and to execute any document which Assignee may deem reasonably necessary or advisable to accomplish the purposes of this agreement, including the execution and filing of the papers identified in part (ii) in my name where permitted by law; (i	For good and valuable consideration, the receipt of which is hereby ac	cknowledged, I agree as follows:	
execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee (or its successors and/or assigns) without compensation (but at Assignee's expense); (iii) that I appoint Assignee (acting through its representatives) as my attorney-in-fact, such appointment being irrevocable and coupled with the interest in the Patent Rights, with full authority in my place and stead and in my name to take any action and to execute any document which Assignee may deem reasonably necessary or advisable to accomplish the purposes of this agreement, including the execution and filing of the papers identified in part (ii) in my name where permitted by law; (iv) to communicate to Assignee, its successors, assigns, representatives and agents, all facts known to me relating to said Patent Rights and the history thereof; and (v) to generally do everything which Assignee, its successors, assigns, representatives or agents shall consider desirable for aiding in securing and maintaining proper protection for said Patent Rights and for vesting title to said Patent Rights in Assignee, its successors and assigns. C. I warrant to Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the Patent Rights has been made to others by me, and that I am capable of granting Assignee the rights and undertaking the obligations set forth herein. ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:	worldwide right, title and interest in and to any and all inventions and as well as in and to said application and all divisional, continuing reexamination, opposition, post-grant review, inter partes review or of which have been or shall be filed in the United States and all foreign of claiming priority to said application; and in and to all original, reissuffished issued in the United States and foreign countries from any of rights of priority resulting from the filing of any of said application. Letters Patent as used herein shall include, without limitation	d other ideas described in the above-identified patent application (in whole or in part), provisional, substitute, renewal, reiss other applications, proceedings or registrations for Letters Patecountries based on any of said inventions or ideas, or based on and, reexamined or confirmed Letters Patent which have been f said applications, proceedings or registrations; and in and to ions, proceedings or registrations (all collectively, the "Patent, patents, utility models, industrial designs, design registrations)	ion, sue, tent or or all tent
forth herein. ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:	execute all rightful oaths, declarations, assignments, powers of attorn by Assignee (or its successors and/or assigns) without compensation through its representatives) as my attorney-in-fact, such appointment Rights, with full authority in my place and stead and in my name to take deem reasonably necessary or advisable to accomplish the purposes of identified in part (ii) in my name where permitted by law; (iv) to compagents, all facts known to me relating to said Patent Rights and the his its successors, assigns, representatives or agents shall consider desiral said Patent Rights and for vesting title to said Patent Rights in Assignee. C. I warrant to Assignee, its successors and assigns, that no assigns	ney and other papers related to the Patent Rights when request (but at Assignee's expense); (iii) that I appoint Assignee (action to being irrevocable and coupled with the interest in the Patenake any action and to execute any document which Assignee most this agreement, including the execution and filing of the paper municate to Assignee, its successors, assigns, representatives a story thereof; and (v) to generally do everything which Assignable for aiding in securing and maintaining proper protection see, its successors and assigns.	ing tent nay ers and nee, for
Way, Basking Ridge, NJ 07920 US IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:	Patent Rights has been made to others by me, and that I am capable of		
as set forth below:		re Corporation with a place of business at One Verizon	
Full legal name of Inventor: Sudhakar Reddy Patil Signature: Sudhakar Reddy Patil Date: 07/11/2019 Full legal name of Inventor: Violeta Cakulev Signature: Interventor: Date: 07/12/2019	as set forth below:		ited
Full legal name of Inventor: Violeta Cakulev Signature: Late Cakulev Date: 07/12/2019	Full legal name of Inventor: Sudhakar Reddy Patil Signatu	ure: Sudhakar Keday Date: 07/11/2019	
	Full legal name of Inventor: Violeta Cakulev Signatu	ure: Jale College Date: 07/12/2019	

PATENT REEL: 049737 FRAME: 0881 1

VZ Docket No.: 20190265

Signature: Olil Katacha Date: 07/12/2019

Signature: Polluri Date: 07/12/2019

PATENT

REEL: 049737 FRAME: 0882

Full legal name of Inventor: Lalit R. Kotecha

Full legal name of Inventor: Ravi Potluri