PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUZANN HUA	03/10/2017
SUDHAKAR REDDY PATIL	03/17/2017
YE HUANG	03/14/2017
PRISCILLA LAU	03/14/2017

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:	15462103

CORRESPONDENCE DATA

Fax Number: (703)439-2658

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: 571-297-0007 Email: pto@snyderllp.com

Correspondent Name: SNYDER, CLARK, LESCH & CHUNG, LLP

950 HERNDON PKWY Address Line 1:

SUITE 365 Address Line 2:

Address Line 4: HERNDON, VIRGINIA 20170

ATTORNEY DOCKET NUMBER:	20160904
NAME OF SUBMITTER:	VIKTOR SIMKOVIC
SIGNATURE:	/Viktor Simkovic, Reg. No. 56,012/
DATE SIGNED:	03/17/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT REEL: 041618 FRAME: 0897

EPAS ID: PAT4324547

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PATENT REEL: 041618 FRAME: 0898

VZ Docket No.: 20160904

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: SYSTEMS AND METHODS FOR ACCESSING MULTIPLE APPLICATION SERVERS VIA A SERVICE CAPABILITY EXPOSURE FUNCTION

the patent application for which: It is being filed concurrently herewith, Application Number to be assigned by the USPTO, or It was filed on as United States Application Number or PCT International Application Number
Declaration of Inventor
As the 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 (5) 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 ("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), substitute, renewal, reissue, provisional or other applications 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 and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, 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 any action and to execute any document which Assignee may deem reasonably necessary or advisable to accomplish the purposes of this assignment, 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 covenant with 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 full right to convey the same as set forth herein is possessed by me.
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:
Full legal name of Inventor: Suzann Hua
Address: 1001 Harvey Drive #314, Walnut Creek, CA 94597
Signature: Date: 3/10/2017

PATENT REEL: 041618 FRAME: 0899

V7 (Asched No.: 20160904)

DECLARATION AND ASSESSMENT FOR PATENT APPLICATION

Patient Application Title: SYSTEMS AND METHODS FOR ACCESSING MELTIPLE APPLICATION SERVERS VIA A SIN CAPADILITY I ANNA RE IT ACTIVE

the patent application for which: [2] is being filed concurrently herewilly Application Number to be assigned by the USPTO, or [3] was filted as: [4] and Contact States Application Number [5] was filted as: [6] Application
As the fution named insenter, I hereby during 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 chained invention in the above-referenced application; and
 I descrip and nowledge that any willful false statement made in this declaration is promisingly ander 18 U.S.C. § 1991 by fine or imprisonment of and more than five (5) years, or hosts.
Seventor Amignment Acknowledgement
For great and enhance consideration, the secuperof which is hereby action who part, I appear as follows:
A I hereby among to the Verizon legal entity identified below ("Amongore"), including its our enter and among my enter worldwide right, the 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 call application and all deviated, continuing (in whole or at part), substitute, renewal, remain provisional or other applications or registrations for Letters Patent which have been or shall be filed in the Control States and all foreign countries been and to all original and remaind be and or and to all original and remaind for any of said applications or registrations (all original and foreign countries from any of said applications or registrations (all original and to all original and any of said applications or registrations (all original and any of said applications or registrations) and any of said applications of said and to all original designs, and any other foreign patents, all original property accompanies that plans Convention for the Protection of Indiantical Property.
If agree (i) that Analysis may apply for and receive Letters Patent has done the Patent Rights in its own name. (ii) that I will execute all rightful raths, declarations, assignment, powers of attorney and other papers related to the Patent Rights when requested by Assignme (or its assertance) as my attorney-in-fact, each approximent heavy accounts and complete with the interest in the Patent Rights, with full authority in my place and send and in my name to take any action and to execute any decument which Assignme may deem removably accounts or advanced to account the proposes of this assignment, including the execution and Sing of the papers identified in part (ii) in my name where permitted by law; (iv) to communicate to Assignme, its accounts, assignment, as a part (ii) in a paper power of the entered and the beauty thereof, and (ii) to generally decreased which Assignme, its accounts, assignment and Patent Rights and the beauty thereof, and (ii) to generally decreased which Assignme, its accounts, assignment and assignment and Patent Rights and Controlled Controlled in accounts and assignment.
C. I communically Adaptive, its successors and anagon, that no anagoment, grant, mortgage, license, or other agreement affecting the Passes Rights has been made to others by me, and that this right to convey the same as not forth herein is possessed by me.
ASSERTE: Verience Patent and Lieuwing Inc., a Delaware Cognoration with a place of Aminest at Che Verience Way, Basking Hidge, NFFFEE CS
IN WITNESS to my agreement to the foregoing Construction of Inventor and Inventor Amygnment Acknowledgement, I have executed as ser forth below:
Full Agust aums of Tovernor: Suullinian Rently Publi
Address: 2624 Halpay Fries, Florins Nagual, TX 79228 Signature:

VZ Docket No.: 20160904

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: SYSTEMS AND METHODS FOR ACCESSING MULTIPLE APPLICATION SERVERS VIA A SERVICE CAPABILITY EXPOSURE FUNCTION

the patent application for which: 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 Number or PCT International Application
Declaration of Inventor
As the 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 (5) 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 ("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), substitute, renewal, reissue, provisional or other applications 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 and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, 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 any action and to execute any document which Assignee may deem reasonably necessary or advisable to accomplish the purposes of this assignment, 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 covenant with 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 full right to convey the same as set forth herein is possessed by me.
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:
Full legal name of Inventor: Ye Huang
Address: 260 Summerford Circle, San Ramon, CA 94583
Signature: Date: 3/4/7

PATENT REEL: 041618 FRAME: 0901

VZ Docket No.: 20160904

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: SYSTEMS AND METHODS FOR ACCESSING MULTIPLE APPLICATION SERVERS VIA A SERVICE CAPABILITY EXPOSURE FUNCTION

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Declaration of Inventor
As the 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 (5) 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 ("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), substitute, renewal, reissue, provisional or other applications 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 and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property.
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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:
Full legal name of Inventor: Priscilla Lau
Address: 46911 Bodie Terrace, Fremont, CA 94539
Signature: Tisally Jan Date: March 14, 2017

RECORDED: 03/17/2017

PATENT REEL: 041618 FRAME: 0902