PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5945722

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIMOTHY S. MILLIRON	12/01/2014
ADAM BALLAI	11/03/2014
ROBERT HAGEMANN	09/17/2014

RECEIVING PARTY DATA

Name:	TWILIO INC.
Street Address:	375 BEALE STREET SUITE 300
City: SAN FRANCISCO	
State/Country:	CALIFORNIA
Postal Code: 94105	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16204961

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.

Email: REQUEST@SLWIP.COM

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

Address Line 1: P.O. BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	5082.048US5
NAME OF SUBMITTER:	JESSE CANTRELL
SIGNATURE:	/ Jesse Cantrell /
DATE SIGNED:	02/04/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

source=5082048US5_Assgn#page1.tif source=5082048US5_Assgn#page2.tif source=5082048US5_Assgn#page3.tif source=5082048US5_Assgn#page4.tif

PATENT 505899021 REEL: 051715 FRAME: 0645

RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 5082.048US5 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Twilio Inc. Timothy S. Milliron, Adam Ballai, Robert Hagemann Street Address: 375 Beale Street Suite 300 Additional name(s) of conveying party(ies) attached? []Yes [X]No City: San Francisco State: CA Zip: 94105 Country: <u>United States of America</u> 3. Nature of conveyance: Additional name(s) & address(es) attached? []Yes [X]No [] Merger [X] Assignment [] Security Agreement [] Change of Name [] Other Execution Date: December 1, 2014, November 3, 2014, September 17, 2014 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 16/204,961 Additional numbers attached? []Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41):\$ 0.00 Name: Shebli Mikailli [[Enclosed [Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Please charge any additional fees or credit any over Minneapolis, Minnesota 55402 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Shebli Mikailli/Reg. No. 70,401 Name of Person Signing Total number of pages including cover sheet: 4 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 051715 FRAME: 0646

DECLARATION AND ASSIGNMENT

This combined Declaration and Assignment is in relation to the patent application titled SYSTEM AND METHOD FOR TAGGING AND TRACKING EVENTS OF AN APPLICATION PLATFORM attorney docket TWIL-P48-US which is being filed herewith.

As the below named inventor, I hereby declare that:

- I have reviewed and understand the contents and the claims of the patent application.
- I acknowledge the duty to disclose all information known to me to be material to the patentability of the claims of the patent application.
- I believe that I am the original inventor, or an original joint inventor, of a claimed invention in the patent application.
- The patent application was made or authorized to be made by me.

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 (5) years, or both.

WHEREAS, Twilio, Inc. ("the assignee"), a state of Delaware corporation located at 645 Harrison Street, Third Floor, San Francisco, California 94107 is desirous of acquiring an exclusive right to the claimed invention.

For valuable consideration that I acknowledge, I hereby sell and assign to the assignee the full and exclusive right and title to the invention, to all patent applications for the invention in the United States and in all other countries, and to all patents issued on the invention in the United States and in all other countries; and I hereby request the Director of the United States Patent and Trademark Office to issue all patents on the invention to the assignee.

Executed by:

***************************************	Name	Signature	Date
***************************************	Timothy S. Milliron	Turotty Hillran	Dec 1, 2014

PATENT REEL: 051715 FRAME: 0647

DECLARATION AND ASSIGNMENT

This combined Declaration and Assignment is in relation to the patent application titled SYSTEM AND METHOD FOR TAGGING AND TRACKING EVENTS OF AN APPLICATION PLATFORM attorney docket TWIL-P48-US which is being filed herewith.

As the below named inventor, I hereby declare that:

- I have reviewed and understand the contents and the claims of the patent application.
- I acknowledge the duty to disclose all information known to me to be material to the patentability of the claims of the patent application.
- I believe that I am the original inventor, or an original joint inventor, of a claimed invention in the patent application.
- The patent application was made or authorized to be made by me.

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 (5) years, or both.

WHEREAS, Twilio, Inc. ("the assignee"), a state of Delaware corporation located at 645 Harrison Street, Third Floor, San Francisco, California 94107 is desirous of acquiring an exclusive right to the claimed invention.

For valuable consideration that I acknowledge, I hereby sell and assign to the assignee the full and exclusive right and title to the invention, to all patent applications for the invention in the United States and in all other countries, and to all patents issued on the invention in the United States and in all other countries; and I hereby request the Director of the United States Patent and Trademark Office to issue all patents on the invention to the assignee.

Executed by:

Name	Signature	Date
Adam Ballai	Have Ballia	Nov 3, 2014

PATENT REEL: 051715 FRAME: 0648

DECLARATION AND ASSIGNMENT

This combined Declaration and Assignment is in relation to the patent application titled SYSTEM AND METHOD FOR TAGGING AND TRACKING EVENTS OF AN APPLICATION PLATFORM attorney docket TWIL-P48-US which is being filed herewith.

As the below named inventor, I hereby declare that:

- I have reviewed and understand the contents and the claims of the patent application.
- I acknowledge the duty to disclose all information known to me to be material to the patentability of the claims of the patent application.
- I believe that I am the original inventor, or an original joint inventor, of a claimed invention in the patent application.
- The patent application was made or authorized to be made by me.

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 (5) years, or both.

WHEREAS, Twilio, Inc. ("the assignee"), a state of Delaware corporation located at 645 Harrison Street, Third Floor, San Francisco, California 94107 is desirous of acquiring an exclusive right to the claimed invention.

For valuable consideration that I acknowledge, I hereby sell and assign to the assignee the full and exclusive right and title to the invention, to all patent applications for the invention in the United States and in all other countries, and to all patents issued on the invention in the United States and in all other countries; and I hereby request the Director of the United States Patent and Trademark Office to issue all patents on the invention to the assignee.

Executed by:

·	Name	Signature	Date
***************************************	Robert Hagemann		Sep 17, 2014

PATENT REEL: 051715 FRAME: 0649

RECORDED: 02/04/2020