PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATTE LAHTIRANTA	09/03/2019
MATTI OIKARINEN	09/03/2019

RECEIVING PARTY DATA

Name:	OATH INC.
Street Address:	770 BROADWAY
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10003

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16560002

CORRESPONDENCE DATA

Fax Number: (212)801-6400

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: 212-801-9200

Email: njdocket@gtlaw.com

Correspondent Name: OATH INC. C/O GREENBERG TRAURIG, LLP

Address Line 1: MET LIFE BUILDING Address Line 2: 200 PARK AVENUE

Address Line 4: NEW YORK, NEW YORK 10166

ATTORNEY DOCKET NUMBER:	085804.123800
NAME OF SUBMITTER:	JUDI CORDO
SIGNATURE:	/Judi Cordo/
DATE SIGNED:	09/04/2019

Total Attachments: 4

source=VM13076US00_085804_123800_assignment#page1.tif source=VM13076US00 085804 123800 assignment#page2.tif source=VM13076US00 085804 123800 assignment#page3.tif source=VM13076US00_085804_123800_assignment#page4.tif

PATENT REEL: 050261 FRAME: 0537 505653631

ASSIGNMENT OF PATENT APPLICATION BY INVENTOR

Whereas I, an undersigned inventor (hereinafter "INVENTOR"), have invented certain new and useful improvements as set forth in the patent application entitled:

INTELLIGENT DATAFLOW-BASED SERVICE DISCOVERY AND ANALYSIS

☑ for which I have executed a U.S. patent application on even date herewith.	
☐ which bears U.S. application serial No, filed	_•
for which I have executed a patent application in the country ofherewith.	on even date
which I have executed a U.S. provisional application on even date herewith.	
which is a U.S. provisional application which bears U.S. application serial No	
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:	

- (a) Sell, assign and transfer to Oath Inc., a Delaware corporation having a place of business at 770 Broadway New York, NY (hereinafter "ASSIGNEE"), (1) the entire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties), and;(2) the right to sue third parties for patent infringement (including but not limited to damages) accruing based on activities occurring prior to the execution date hereof.
- (b) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- (c) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, and to communicate to the ASSIGNEE any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof,

INTELLIGENT DATAFLOW BASED SERVICE DISCOVERY AND ANALYSIS

To Oath Inc.

Docket No. 085804.123800 (VM13076US00)

foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

- (d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTOR.
- (e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.
- (f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTOR, as well as the INVENTOR's heirs, legal representatives and assigns.
- (g) Authorize and request my attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

INTELLIGENT DATAFLOW BASED SERVICE DISCOVERY AND ANALYSIS To Oath Inc. Docket No. 085804.123800 (VM13076US00)

IN 1ESTIMUNY WHEKEUF, I <u>Alle Lahtiradia</u> n	ave executed this document on the date
indicated below.	
46/20-	9/3/2019
Signature of Inventor	Date
Los Altos, CA	
Inventor's City. State of residence	

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IN TESTIMONY WHEREOF, I <u>Matti Oikarinen</u> have executed this document on the date indicated below.

instalure of Inventor Date

Los Altos, CA Inventor's City, State of residence

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PATENT REEL: 050261 FRAME: 0541

RECORDED: 09/04/2019