

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM500168

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
LOTAME SOLUTIONS, INC.		11/30/2018	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	SILICON VALLEY BANK		
<b>Street Address:</b>	1000 WILSON BOULEVARD		
<b>Internal Address:</b>	SUITE 2110		
<b>City:</b>	ARLINGTON		
<b>State/Country:</b>	VIRGINIA		
<b>Postal Code:</b>	22209		
<b>Entity Type:</b>	Corporation: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3676952	LOTAME	
<b>Registration Number:</b>	4683615	LOTAME	
<b>Registration Number:</b>	4669903	LOTAME	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8004947512		
<i>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.</i>			
<b>Phone:</b>	202-370-4750		
<b>Email:</b>	ipteam@coagencyglobal.com		
<b>Correspondent Name:</b>	Melony Sot		
<b>Address Line 1:</b>	1025 Vermont Ave NW, Suite 1130		
<b>Address Line 2:</b>	COGENCY GLOBAL INC.		
<b>Address Line 4:</b>	Washington, D.C. 20005		
<b>ATTORNEY DOCKET NUMBER:</b>	1019881 TM		
<b>NAME OF SUBMITTER:</b>	Andrew Nash		
<b>SIGNATURE:</b>	/Andrew Nash/		
<b>DATE SIGNED:</b>	11/30/2018		
<b>Total Attachments: 10</b>			

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**AMENDED AND RESTATED  
INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This Amended and Restated Intellectual Property Security Agreement (this "Agreement") is entered into as of November 30, 2018, by and between SILICON VALLEY BANK, a California corporation, with a loan production office located at 1000 Wilson Boulevard, Suite 2110, Arlington, Virginia 22209 ("Bank") and LOTAME SOLUTIONS, INC., a Delaware corporation with its principal place of business located at 8850 Stanford Boulevard, Suite 4000, Howard County, Columbia Maryland 21045 ("Grantor"). This Agreement amends and restates in its entirety the terms and conditions of that certain Intellectual Property Security Agreement dated as of December 31, 2015, between Grantor and Bank, as amended by that certain First Amendment to Intellectual Property Security Agreement dated as of January 29, 2018, between Grantor and Bank (the "Prior Agreement")

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Amended and Restated Loan and Security Agreement by and between Bank and Grantor dated as of the date hereof (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in its Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor to Bank.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantor's obligations to Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure Grantor's obligations to Bank, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof,

whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the “Copyrights”);

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the “Patents”);

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the “Trademarks”);

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the “Mask Works”);

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use, in each case, to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or

inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit or expand such rights and remedies.

4. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

5. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

6. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

LOTAME SOLUTIONS, INC.

By: \_\_\_\_\_

Title: Treasurer \_\_\_\_\_

BANK:

SILICON VALLEY BANK

By: \_\_\_\_\_

Title: \_\_\_\_\_

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

LOTAME SOLUTIONS, INC.

By: \_\_\_\_\_

Title: \_\_\_\_\_

BANK:

SILICON VALLEY BANK

By: 

Title: Vice President.

EXHIBIT A

Copyrights

None.



EXHIBIT B

Patents


<b>Application No.</b>	<b>Title</b>	<b>Filing Date</b>	<b>Country</b>	<b>Status</b>	<b>Ownership</b>
11/977,045	Systems and Methods For Targeting Advertisements to Users of Social-Networking and Other Web 2.0 Websites and Applications	Oct. 22, 2007	United States	Abandoned on 10/11/2011	Lotame Solutions, Inc.
61/192,532 (Provisional patent application)	Systems and Methods for Measuring Success and Effectiveness of an Advertisement and its Associated Campaign in Social-Networking and Other Web 2.0 Websites and Applications	Sept. 19, 2008	United States	Expired	-
12/393,546	Method of Tracking and Targeting Internet Payloads Based on Time Spent Actively Viewing	Feb. 26, 2009	United States	Abandoned on 9/17/2012	Lotame Solutions, Inc.
PCT/US2014/072488	Cookieless Management Translation and Resolving of Multiple Device Identities For Multiple Networks	Dec. 29, 2014	PCT	Expired	Lotame Solutions, Inc.
14/144,351 (U.S. Patent No. 9,686,276)	Cookieless Management Translation and Resolving of Multiple Device Identities For Multiple Networks	Dec. 30, 2013	United States	Issued Patent	Lotame Solutions, Inc.
PCT/US2014/035110	Automatically Determining Relationships Between Mobile Devices	April 23, 2014	PCT	Expired	Lotame Solutions, Inc.
13/886,187	Automatically Determining Relationships Between Mobile Devices	May 2, 2013	United States	Published/Pending	Lotame Solutions, Inc.
62/581,488 (Provisional patent application)	Systems and Methods for Using a Machine-Learning Model to Manage the Presentation of Digital Content Based on a Digital Footprint	Nov. 3, 2017	United States	Pending	Lotame Solutions, Inc.
16/178,982 (Non – Provisional Patent Application)	Managing Data Transmissions Based on a User's Digital Footprint	Nov. 2, 2018	United States	Pending	Lotame Solutions, Inc.

## EXHIBIT C

## Trademarks

Country	Mark	Status	Serial No Filing Date	Reg. No. Reg. Date	Owner	Class/Description
Australia	CROWD CONTROL	Registered	1470909 Jan 24, 2012	1470909 Jan 24, 2012	Lotame Solutions, Inc.	09 Scientific, nautical, cinematographic, weighing, signalling and teaching apparatus and instruments; apparatus and instruments for conducting switching, transforming, accumulating, regulating or controlling electric magnetic data carriers, recording discs, compact discs, DVDs and other digital recording media; mechanisms for coin-operated apparatus; cash registers, calculating machines, data processing equipment, computers; computer software, fire-extinguishing apparatus; none of the foregoing goods being in the field of, or specifically adapted for, the control of physical or virtual crowds. Advertising; business management; business administration; office function; data management services.
Australia	LOTAME	Registered	1633493(IR12 08481) Dec 4, 2013	1208481 Dec 4, 2013	Lotame Solutions, Inc.	35 Data management services for use in the electronic collection, organization, processing, sorting and sharing of behavioral and social data, in order to deliver advertising and/or content targeted to specific consumers.
Canada	LOTAME	Registered	1655009 Dec 5, 2013	923667 Dec 16, 2015	Lotame Solutions, Inc.	Data management services for use in the electronic collection, organization, processing, sorting and sharing of behavioral and social data, namely audience click, download, upload, video completion behaviours, audience social interests, and audience demographic information, in order to deliver advertising and editorial content targeted to specific consumers.
European Union	LOTAME	Registered	(IR1208481) Dec 4, 2013	1208481 Dec 4, 2013	Lotame Solutions, Inc.	35 Data management services for use in the electronic collection, organization, processing, sorting and sharing of behavioral and social data, in order to deliver advertising and/or content targeted to specific consumers.
India	LOTAME	Registered	2776889(IR12 08481) Dec 4, 2013	1208481 Dec 4, 2013	Lotame Solutions, Inc.	35 Data management services for use in the electronic collection, organization, processing, sorting and sharing of behavioral and social data, in order to deliver advertising and/or content targeted to specific consumers.
International Bureau (WIPO)	LOTAME	Registered	1208481 Dec 4, 2013	1208481 Dec 4, 2013	Lotame Solutions, Inc.	35 Data management services for use in the electronic collection, organization, processing, sorting and sharing of behavioral and social data, in order to deliver advertising and/or content targeted to specific consumers.
Singapore	LOTAME	Registered	T1410993D/( R1208481) Dec 4, 2013	1208481 Dec 4, 2013	Lotame Solutions, Inc.	35 Data management services for use in the electronic collection, organization, processing, sorting and sharing of behavioral and social data, in order to deliver advertising and/or content targeted to specific consumers.
United States of	LOTAME	Registered	77153637 Dec 4, 2013	3676952	Lotame Solutions, Inc.	35 Data management services for use in the electronic collection, organization, maintenance, processing, and storing of behavioral and

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Country	Mark	Status	Serial No Filing Date	Reg. No. Reg. Date	Owner	Class/Description
America			Apr 11, 2007	Sep 1, 2009		
United States of America	LOTAME	Registered	86135080 Dec 4, 2013	4683615 Feb 10, 2015	Lotame Solutions, Inc.	35 social data, in order to deliver advertising and/or content targeted to specific consumers. Data management services for use in the electronic collection, organization, processing, sorting and sharing of behavioral and social data, in order to deliver advertising and/or content targeted to specific consumers.
United States of America	LOTAME (and design) 	Registered	86135045 Dec 4, 2013	4669903 Jan 13, 2015	Lotame Solutions, Inc.	35 Data management services for use in the electronic collection, organization, processing, sorting and sharing of behavioral and social data, in order to deliver advertising and/or content targeted to specific consumers. 42 Software as a Service (SAAS), namely, software for online data management allowing users to track specified data points about visitors to specified websites and applications to enable an evaluation on how to maximize advertising spend, customize online content and to increase internet traffic.

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EXHIBIT D

Mask Works

None.