

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM457940

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Saama Technologies, Inc.		12/13/2017	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Western Alliance Bank		
<b>Street Address:</b>	55 Almaden Boulevard, Suite 100		
<b>City:</b>	SAN JOSE		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95113		
<b>Entity Type:</b>	Corporation: ARIZONA		
<b>PROPERTY NUMBERS Total: 7</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	87053200	FLUID ANALYTICS ENGINE	
<b>Serial Number:</b>	87053183	SAAMA	
<b>Serial Number:</b>	87053177	S	
<b>Serial Number:</b>	86535394	FLUID ANALYTICS	
<b>Serial Number:</b>	85711708	OPSSENSE	
<b>Serial Number:</b>	85711701	SIXTHSENSE	
<b>Serial Number:</b>	85711691	VIVIDSENSE	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	8586385130		
<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>	619-699-2700		
<b>Email:</b>	susan.reynolds@dlapiper.com		
<b>Correspondent Name:</b>	DLA Piper LLP (US)		
<b>Address Line 1:</b>	401 B Street, Suite 1700		
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92101		
<b>NAME OF SUBMITTER:</b>	Matt Schwartz		
<b>SIGNATURE:</b>	/s/ Matt Schwartz		
<b>DATE SIGNED:</b>	01/12/2018		

CH \$190.00 87053200

**Total Attachments: 6**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of December 13, 2017 (the "Agreement") between WESTERN ALLIANCE BANK, an Arizona corporation ("Lender") and SAAMA TECHNOLOGIES, INC., ("Grantor") is made with reference to the Business Financing Agreement, dated as of December 13, 2017 (as amended from time to time, the "Financing Agreement"), between Lender and Grantor. Terms defined in the Financing Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Financing Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work or 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 (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) 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 Borrower connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement 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) 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 to the extent permitted by such license or rights;

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

(j) 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.


The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Financing Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the

Financing Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

**GRANTOR:**

SAAMA TECHNOLOGIES, INC.

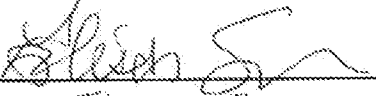
By:   
Name: SIMON HO  
Title: CHIEF FINANCIAL OFFICER

Address for Notices:

SAAMA TECHNOLOGIES, INC.  
900 Hamilton Avenue, Suite 200  
Campbell, CA 95008  
Fax: (408) 371-1901  
Email:  
Attn: Simon Ho, Chief Financial Officer

**LENDER:**

WESTERN ALLIANCE BANK, an Arizona corporation

By:   
Name: ELISA SUN  
Title: Vice President

Address for Notices:

55 Almaden Blvd. Ste. 100  
San Jose, CA 95113  
Tel: (408) 423-8500  
Fax: (408) 423-8520  
Attn: Elisa Sun

**[Signature Page to Intellectual Property Security Agreement]**



Exhibit B  
TRADEMARKS

Please Check if No Trademarks Exist

<u>Mark / Title:</u>	<u>U.S. Serial Number:</u>	<u>U.S. Registration Number:</u>	<u>UPTO Reference Number:</u>	<u>Filing Date:</u>
FLUID ANALYTICS ENGINE	87053200	5254013		5/27/16
SAAMA	87053183	5254012		5/27/16
S	87053177	5239557		5/27/16
FLUID ANALYTICS	86535394	5196047		2/14/15
OPSENSE	85711708	4386803		8/23/12
SIXTHSENSE	85711701	4386802		8/23/12
VIVIDSENSE	85711691	4413295		8/23/12

## EXHIBIT C

### PATENTS

Please Check if No Patents Exist

<u>Title:</u>	<u>Patent No.:</u>	<u>Application Serial No.:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>
Method and system utilizing online analytical processing (olap) for making predictions about business locations	7774227	11852601	Issued	8/10/10
Method and system for comparing populations of entities to make predictions about business locations	7797180	11960388	Issued	9/14/10
Method and system for optimizing business location selection	7797188	11710093	Issued	9/14/10
Method and system for displaying predictions on a spatial map	7856370	11763491	Issued	12/21/10
Abstractly implemented data analysis systems and methods therefor	N/A	14971885	Published	12/16/15
Data analysis using natural language processing to obtain insights relevant to an organization	N/A	14975778	Published	
Systems and methods for analyzing consumer sentiment with social perspective insight	N/A	14975845	Published	
Methods and apparatus for analysis of structured and unstructured data for governance, risk and compliance	N/A	14986707	Published	
Methods and apparatus for analysis of employee engagement and contribution in an organization	N/A	14987573	Published	