

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM549444

<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>
Opex Analytics, LLC		11/13/2019	Limited Liability Company:
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	PNC Bank, National Association		
<b>Street Address:</b>	500 First Avenue		
<b>Internal Address:</b>	Commercial Loan Service Center/DCC		
<b>City:</b>	Pittsburgh		
<b>State/Country:</b>	PENNSYLVANIA		
<b>Postal Code:</b>	15219		
<b>Entity Type:</b>	National Banking Association: UNITED STATES		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	88195716	OPEX ANALYTICS	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	2158325619		
<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>	215-569-5619		
<b>Email:</b>	pecsenye@blankrome.com		
<b>Correspondent Name:</b>	Timothy D. Pecsénye (074658-17087)		
<b>Address Line 1:</b>	Blank Rome LLP		
<b>Address Line 2:</b>	One Logan Square, 8th Floor		
<b>Address Line 4:</b>	Philadelphia, PENNSYLVANIA 19103		
<b>ATTORNEY DOCKET NUMBER:</b>	074658-17087		
<b>NAME OF SUBMITTER:</b>	Timothy D. Pecsénye		
<b>SIGNATURE:</b>	/Timothy D. Pecsénye/		
<b>DATE SIGNED:</b>	11/14/2019		
<b>Total Attachments: 6</b>			
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Joinder)#page2.tif

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TRADEMARK SECURITY AGREEMENT

This Trademark Security Agreement (this "Trademark Security Agreement") is made as of this 13th day of November, 2019, by the Grantor listed on the signature pages hereof ("Grantor") in favor of PNC BANK, NATIONAL ASSOCIATION, in its capacity as agent for the Lenders (together with its successors and assigns in such capacity, "Agent").

WITNESSETH:

WHEREAS, pursuant to that certain Revolving Credit, Term Loan and Security Agreement and Guaranty, dated as of November 29, 2017 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, including all exhibits and schedules thereto, the "Credit Agreement"), among Laurel Parent, Inc., a Delaware corporation, such other Persons as may become Guarantors thereunder, Llamasoft, Inc., a Delaware corporation ("Borrower"), such other Persons as may become Borrowers thereunder, the lenders from time to time party thereto (the "Lenders"), and Agent, the Lenders agreed to make certain financial accommodations available to Borrower from time to time pursuant to the terms and conditions thereof;

WHEREAS, pursuant to the Credit Agreement, Grantor is required to execute and deliver to Agent, for the benefit of the Lenders, this Trademark Security Agreement.

NOW, THEREFORE, in consideration of the premises and mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantor hereby agrees as follows:

1. DEFINED TERMS. All capitalized terms used but not otherwise defined herein have the meanings given to them in the Credit Agreement.

2. GRANT OF SECURITY INTEREST IN TRADEMARK COLLATERAL. Grantor hereby grants to Agent, for the benefit of the Lenders, a continuing first priority security interest in all of Grantor's right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired (collectively, the "Trademark Collateral"):

(a) all of Grantor's trademarks, trademark applications, service marks, trade names and associated goodwill (collectively, "Trademarks"), and licenses for any of the foregoing ("Licenses"), including those U.S. trademarks and U.S. trademark applications referred to on Schedule I hereto, in all cases other than any intent-to-use (ITU) United States trademark application for which an amendment to allege use or statement of use has not been filed under 15 U.S.C. §1051(c) or 15 U.S.C. §1051(d), respectively, or if filed, has not been deemed in conformance with 15 U.S.C. §1051(a) or (c), it being agreed that the grant and recordation of security interest under this Agreement in any such ITU application shall not be an assignment of the application in violation of 15 U.S.C. §1060; and

(b) all proceeds of the foregoing, including any claim by Grantor against third parties for past, present or future infringement or dilution of any Trademark or any Trademark licensed under any License.

3. SECURITY FOR OBLIGATIONS. This Trademark Security Agreement and the security interest created hereby secure the payment and performance of all the Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Trademark Security Agreement secures the payment of all amounts which constitute part of the Obligations and would be owed by Grantor to Agent, the Lenders or any of them, whether or not they are unenforceable or not allowable due to the existence of an insolvency proceeding involving Grantor.

4. CREDIT AGREEMENT. The security interests granted pursuant to this Trademark Security Agreement are granted in conjunction with the security interests granted to Agent, for the benefit of the Lenders, pursuant to the Credit Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of Agent with respect to the security interest in the Trademark Collateral made and granted hereby are more fully set forth in the Credit Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

5. AUTHORIZATION TO SUPPLEMENT. If Grantor shall obtain rights to any new Trademarks or Licenses for Trademarks, this Trademark Security Agreement shall automatically apply thereto. Grantor shall give notice in writing to Agent to the extent required by, and in accordance with, the Credit Agreement with respect to any such new Trademarks or Licenses for Trademarks. Without limiting Grantor's obligations under this Section 5, Grantor hereby authorizes Agent unilaterally to modify this Trademark Security Agreement by amending Schedule I to include any such new U.S. trademarks (to the extent provided in the Credit Agreement), U.S. trademark applications or Licenses for Trademarks of Grantor. Notwithstanding the foregoing, no failure to so modify this Trademark Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from Agent's continuing security interest in all Collateral, whether or not listed on Schedule I.

6. COUNTERPARTS. This Trademark Security Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, but all such separate counterparts shall together constitute but one and the same instrument. In proving this Trademark Security Agreement or any Other Document in any judicial proceedings, it shall not be necessary to produce or account for more than one such counterpart signed by the party against whom such enforcement is sought. Any signatures delivered by a party by facsimile transmission or by e-mail transmission shall be deemed an original signature hereto.

7. CONSTRUCTION. Unless the context of this Trademark Security Agreement or any Other Document clearly requires otherwise, references to the plural include the singular, references to the singular include the plural, the terms "includes" and "including" are not limiting, and the term "or" has, except where otherwise indicated, the inclusive meaning represented by the phrase "and/or." The words "hereof," "herein," "hereby," "hereunder," and similar terms in this Trademark Security Agreement or any Other Document refer to this Trademark Security Agreement or such Other Document, as the case may be, as a whole and not to any particular provision of this Trademark Security Agreement or such Other Document, as the case may be. Section, subsection, clause, schedule, and exhibit references herein are to this Trademark Security Agreement unless otherwise specified. Any reference in this Trademark Security Agreement or in any Other Document to any agreement, instrument, or document shall

include all alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements, thereto and thereof, as applicable (subject to any restrictions on such alterations, amendments, changes, extensions, modifications, renewals, replacements, substitutions, joinders, and supplements set forth herein). Any reference herein or in any Other Document to the satisfaction or repayment in full of the Obligations shall mean the repayment in full in cash (or cash collateralization in accordance with the terms of the Credit Agreement) of all Obligations other than unasserted contingent indemnification Obligations. Any reference herein to any Person shall be construed to include such Person's successors and assigns.

8. TERMINATION. This Trademark Security Agreement shall terminate and the Lien on, and the security interests in, the Trademark Collateral shall be released upon the occurrence of the Termination Date. Upon the termination of this Trademark Security Agreement, as reasonably requested by, and at the sole cost of, the Grantor, the Agent shall execute all documents, make all filings, and take all other actions to evidence and record the release of the Lien on, and security interests in, the Trademark Collateral granted herein.

IN WITNESS WHEREOF, Grantor has caused this Trademark Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

GRANTOR:

OPEX ANALYTICS, LLC

By: 

Name: Michael Watson

Title: President

ACCEPTED AND  
ACKNOWLEDGED BY:

PNC BANK, NATIONAL ASSOCIATION,  
as Agent

By: 

Name: Derek Hrubeniuk

Title: Vice President

SCHEDULE I  
TO  
TRADEMARK SECURITY AGREEMENT

Trademarks

Mark	Jurisdiction	Serial No./ Filing Date	Registration No./ Registration Date
OPEX ANALYTICS	United States	88195716 15-NOV-2018	N/A