

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM418459

<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>
TRIALSCOPE, INC.		12/08/2016	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: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3777181	PHARMACM	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	6506440520		
<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>	6506483802		
<b>Email:</b>	patty@pattycheng.com		
<b>Correspondent Name:</b>	Patty Cheng		
<b>Address Line 1:</b>	2625 MIDDLEFIELD ROAD, SUITE 215		
<b>Address Line 4:</b>	Palo Alto, CALIFORNIA 94306		
<b>NAME OF SUBMITTER:</b>	Patty Cheng		
<b>SIGNATURE:</b>	/s/ Patty Cheng		
<b>DATE SIGNED:</b>	03/06/2017		
<b>Total Attachments: 6</b>			
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source=TrialScope - A&R IPSA - executed#page2.tif			
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## AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT

This AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of December 8, 2016 (the "Agreement") between TRIALSCOPE, INC., a Delaware corporation ("Grantor") and WESTERN ALLIANCE BANK, as successor in interest to Bridge Bank, National Association ("Lender") is made with reference to the Loan and Security Agreement between Lender and Grantor dated as of January 22, 2015 (as amended from time to time, the "Loan Agreement") and that certain Intellectual Property Security Agreement between Lender and Grantor dated as of January 22, 2015 (the "Original IPSA"). Terms defined in the Loan 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:

This Agreement hereby amends and restates in its entirety, without novation, the Original IPSA.

To secure the Obligations under the Loan 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 Loan 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 Loan 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 Amended and Restated Intellectual Property Security Agreement as of the date first written above.

**GRANTOR:**

TRIALSCOPE, INC.

By:   
Name: RICHARD AGUINALDO  
Title: CFO

Address for Notices:

Attn: Richard Aguinaldo, CFO  
185 Hudson Street  
Harborside Five  
Suite 2900  
Jersey City, NJ 07311  
Fax: \_\_\_\_\_

**LENDER:**

WESTERN ALLIANCE BANK

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

Address for Notices:

Attn: Note Department  
55 Almaden Boulevard, Suite 100  
San Jose, California 95113  
Fax: (408) 282-1681

IN WITNESS WHEREOF, the parties have executed this Amended and Restated Intellectual Property Security Agreement as of the date first written above.

**GRANTOR:**

TRIALSCOPE, INC.

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

Name: \_\_\_\_\_

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

Address for Notices:

Attn: Richard Aguinaldo, CFO  
3 Second Street, Third Floor  
Jersey City, NJ 07311  
Fax: \_\_\_\_\_

**LENDER:**

WESTERN ALLIANCE BANK

By: D/K \_\_\_\_\_

Name: BEN KIRTLAND \_\_\_\_\_

Title: VICE PRESIDENT \_\_\_\_\_

Address for Notices:

Attn: Note Department  
55 Almaden Boulevard, Suite 100  
San Jose, California 95113  
Fax: (408) 282-1681

EXHIBIT A

COPYRIGHTS

Please Check if No Copyrights Exist

<u>Type of Work:</u>	<u>Title:</u>	<u>International Standard Serial Number (ISSN):</u>	<u>Registration Number:</u>	<u>Filing Date:</u>	<u>Pre- registered?</u>

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>Filing Date / Registration Date:</u>
MAKING THE COMPLEX SIMPLE	86478786		December 12, 2014
TRIALSCOPE	86468805		December 2, 2014
TRIALSCOPE	85612052	4263912	April 30, 2012
PHARMACM	77780764	3777181	April 20, 2010

EXHIBIT C

PATENTS

Please Check if No Patents Exist

<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Published?</u>	<u>Issue Date:</u>