

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3871116

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
X1 DISCOVERY, INC.	04/18/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IDEALAB HOLDINGS, L.L.C.
<b>Street Address:</b>	130 W. UNION STREET
<b>City:</b>	PASADENA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91103
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14201623
<b>Application Number:</b>	61804576
<b>Application Number:</b>	14293600
<b>Application Number:</b>	61831090
<b>Application Number:</b>	62043295
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	(626) 535-2757
<b>Email:</b>	sylvia@idealab.com
<b>Correspondent Name:</b>	SYLVIA MCPHERSON
<b>Address Line 1:</b>	130 W UNION STREET
<b>Address Line 4:</b>	PASADENA, CALIFORNIA 91103
<b>NAME OF SUBMITTER:</b>	MARCIA GOODSTEIN
<b>SIGNATURE:</b>	/Marcia Goodstein/
<b>DATE SIGNED:</b>	05/12/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 5</b>	
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**PATENT**

**REEL: 038569 FRAME: 0052**

## ATTACHMENT 2

### INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement dated to be effective as of April 18, 2016, is executed by X1 Discovery, Inc., a Delaware corporation ("Borrower"), in favor of the holder of the Note (the "Secured Party") who is a signatory hereof and party hereto. Unless otherwise indicated, certain defined terms used in this Agreement but not defined herein have the meanings ascribed thereto in the Note (defined below).

### RECITALS

The Secured Party holds that certain secured promissory note executed contemporaneously herewith in the principal sum of up to \$ 330,000 (the "Note").

C. In order to induce the Secured Party to make the Note, Borrower has agreed to enter into this Security Agreement and to grant the Secured Party the security interest in the Collateral described below.

NOW, THEREFORE, as consideration for the above recitals and for other good and valuable consideration, the receipt and adequacy of which hereby are acknowledged, the parties hereto, intending to be legally bound, agree as follows:

### AGREEMENT

To secure all of its present and future indebtedness, liabilities and obligations under the Note, Borrower grants and pledges to Secured Party a security interest in all of Borrower's right, title and interest in, to and under its intellectual property (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Secured Party under the Note. The rights and remedies of Secured Party with respect to the security interest granted hereby are in addition to those set forth in the Note, and those which are now or hereafter available to Secured Party as a matter of law or equity. Each right, power and remedy of Secured Party provided for herein or in the Note, 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 Secured Party of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Note, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Secured Party, of any or all other rights, powers or remedies.

Borrower represents and warrants that Exhibits A, B, and C attached hereto set forth the intellectual property rights of Borrower which are registered with or subject to an application filed with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable, as of the Effective Date.


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

Borrower:

Address of Borrower:

X1 DISCOVERY, INC.

130 West Union Street  
Pasadena, California 91103

By   
Title COO

**SECURED PARTY:**

**IDEALAB HOLDINGS, LLC**


By:   
Name:

EXHIBIT A  
COPYRIGHTS

Description	Registration Number	Registration Date
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**EXHIBIT B**

**PATENTS**

<b>Description</b>	<b>Registration OR Serial Number</b>	<b>Registration OR Filing Date</b>
Methods and systems for federation of results from search indexing	14/201,623	Mar. 7, 2014
Methods and systems for federation of results from search indexing	61/804576	Mar. 22, 2013
Methods and systems for uniquely identifying digital content for ediscovery	14/293,600	June 2, 2014
Methods and systems for uniquely identifying web pages for ediscovery	61/831,090	Jun. 4, 2013
Methods and Systems for Providing Search Index Creation in Virtual Environments	62/043,295	Aug. 28, 2014

**EXHIBIT C**  
**TRADEMARKS**

<b>Description</b>	<b>Registration/ Application Number</b>	<b>Registration/ Application Date</b>
"X1" word mark	2949219	May 10, 2005