

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ZARBAÑA DIGITAL FUND LLC	05/15/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTELLECTUAL VENTURES ASSETS 43 LLC
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<b>Postal Code:</b>	19808
<b>PROPERTY NUMBERS Total: 8</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	5999940
Patent Number:	6301584
Patent Number:	6868525
Patent Number:	7181438
Patent Number:	7574659
Patent Number:	7530020
Patent Number:	7801896
Patent Number:	8370362
<b>CORRESPONDENCE DATA</b>	
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<b>NAME OF SUBMITTER:</b>	CASSANDRA BRAGET
<b>SIGNATURE:</b>	/Cassandra Braget/
<b>DATE SIGNED:</b>	07/03/2017

**Total Attachments: 2**

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## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Zarbaña Digital Fund LLC, a Delaware limited liability company with an address at 2711 Centerville Rd, Suite 400, Wilmington, DE 19808 (“*Assignor*”), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 43 LLC, a Delaware limited liability company with an address at 2711 Centerville Rd, Suite 400, Wilmington, DE 19808 (“*Assignee*”), all of Assignor's right, title, and interest in and to the following (collectively, the “*Assigned Patent Rights*”):

- (a) the patents and patent applications listed in the table below (the “*Patents*”):

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventors
5999940 (08/915662)	US	12/7/1999 (8/21/1997)	INTERACTIVE INFORMATION DISCOVERY TOOL AND METHODOLOGY  Denis Ranger
6301584 (09/137937)	US	10/9/2001 (8/21/1998)	SYSTEM AND METHOD FOR RETRIEVING ENTITIES AND INTEGRATING DATA  Denis Ranger
6868525 (09/579217)	US	3/15/2005 (5/26/2000)	COMPUTER GRAPHIC DISPLAY VISUALIZATION SYSTEM AND METHOD  Andrew Szabo
7181438 (09/583048)	US	2/20/2007 (5/30/2000)	DATABASE ACCESS SYSTEM  Andrew Szabo
7574659 (11/073090)	US	8/11/2009 (3/4/2005)	COMPUTER GRAPHIC DISPLAY VISUALIZATION SYSTEM AND METHOD  Andrew Szabo
7530020 (11/467901)	US	5/5/2009 (8/28/2006)	COMPUTER GRAPHIC DISPLAY VISUALIZATION SYSTEM AND METHOD  Andrew J Szabo

7801896 (11/676487)	US	9/21/2010 (2/19/2007)	DATABASE ACCESS SYSTEMS Andrew J Szabo
8370362 (12/881751)	US	2/5/2013 (9/14/2010)	DATABASE ACCESS SYSTEMS Andrew Szabo

(b) any future reissues, reexaminations, extensions, continuations, continuing prosecution application, requests for continuing examinations, divisions, and registrations of any of the Patents;

(c) rights to apply in any or all countries of the world for future patents, certificates of invention, utility models, industrial design protections, design patent protections, or other future governmental grants or issuances of any type related to the Patents; and

(d) causes of action and enforcement rights of any kind under, or on account of, any of the Patents and/or any of the items described in either of the foregoing categories (b) or (c), including, without limitation, all causes of action, enforcement rights and all other rights to seek and obtain any other remedies of any kind for past, current and future infringement.

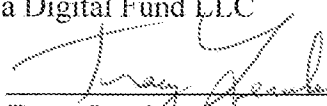
Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all future patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein. This Assignment of Patent Rights will inure for the benefit of any permitted successors or assigns of Assignee.

Assignor will, at the reasonable request of Assignee, take all reasonable steps necessary and proper, to confirm the assignment to Assignee of the Assigned Patent Rights pursuant to this Assignment of Patent Rights, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining and perfecting the Assigned Patent Rights.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed  
on May 15, 2017.

**ASSIGNOR:**

Zarbaña Digital Fund LLC

By:   
Name: Tracy Lemke  
Title: Authorized Person