

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4617641

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
INTELLECTUAL VENTURES ASSETS 44 LLC		07/03/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HYPER SEARCH LLC	
<b>Street Address:</b>	5068 W. PLANO PKWY	
<b>Internal Address:</b>	SUITE 300	
<b>City:</b>	PLANO	
<b>State/Country:</b>	TEXAS	
<b>Postal Code:</b>	75093	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Patent Number:</b>	6792412	
<b>CORRESPONDENCE DATA</b>		
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<b>ATTORNEY DOCKET NUMBER:</b>	THK-101	
<b>NAME OF SUBMITTER:</b>	OLIVIA TILLEY	
<b>SIGNATURE:</b>	/Olivia Tilley/	
<b>DATE SIGNED:</b>	09/28/2017	
<b>Total Attachments: 6</b>		
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# ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 43 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 Hyper Search LLC, a Texas limited liability company with an address at 5068 W. Plano Pkwy, Suite 300, Plano, Texas 75093 (“*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
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(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 July 3, 2017.

**Intellectual Ventures Assets 43 LLC:**

By: 

Name: Jim Westhead

Title: Authorized Person

### ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 44 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 Hyper Search LLC, a Texas limited liability company with an address at 5068 W. Plano Pkwy, Suite 300, Plano, Texas 75093 (“*Assignee*”), all of Assignor's right, title, and interest in and to the following (collectively, the “*Assigned Patent Rights*”):

(b) 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
6085219 (09/039886)	US	7/4/2000 (3/16/1998)	Home Page Creating Systems Apparatuses And Program Recording Mediums, And Home Page Displaying System And Program Recording Mediums  Koji Moriya
KR10-0303183 (KR10-1998- 0009957)	KR	7/9/2001 (3/23/1998)	DEVICE AND METHOD FOR GENERATING HOME PAGE  Koji Moriya
CNZL98100794.5 (CN98100794.5)	CN	4/30/2003 (3/24/1998)	Main Page Establishing System, And Device And Main Page Display System And Program Recording Media  Koji Moriya
6271840 (09/160633)	US	8/7/2001 (9/24/1998)	Graphical search engine visual index  James Lee Finseth; Jerry Hermel; Bryan F. Pelz;
6792412 (09/241440)	US	9/14/2004 (2/2/1999)	Neural network system and method for controlling information output based on user feedback  Ivan Pope; Alan Sullivan

7120615 (10/928278)	US	10/10/2006 (8/30/2004)	Neural network system and method for controlling information output based on user feedback  Ivan Pope; Alan Sullivan
8260733 (11/544858)	US	9/4/2012 (10/10/2006 )	Neural network system and method for controlling information output based on user feedback  Ivan Pope; Alan Sullivan

(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 July 3, 2017.

**Intellectual Ventures Assets 44 LLC:**

By: [Signature]  
Name: Jim Worsfield  
Title: AUTHORIZED PERSON

# ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 43 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 Hyper Search LLC, a Texas limited liability company with an address at 5068 W. Plano Pkwy, Suite 300, Plano, Texas 75093 ("**Assignee**"), its right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the "**Certain Assets**"):

Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventors
EP98201847.5	EP	5/28/1998	ENTITY RETRIEVING SYSTEM AND METHOD FOR RETRIEVING ENTITIES  Denis Ranger

Assignor assigns to Assignee all of its rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with its rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 3<sup>RD</sup> day of JULY 2017.

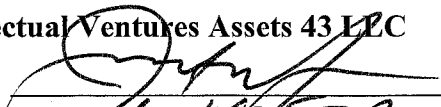
## ASSIGNOR:

Intellectual Ventures Assets 43 LLC

By:

Name:

Title:

  
JIM WEBSTER  
AUTHORIZED PERSON

# **ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS**

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Patent/ Application Number	Country	Issue Date/ Filing Date	Title of Patent and Inventors
JP09-087315	JP	3/24/1997	System For Generating Home Page, Device And Method Therefor, And System For Displaying Home Page And Method Therefor  Koji Moriya
HK99101127.6	HK	3/19/1999	HOME PAGE CREATING SYSTEMS, APPARATUSES AND PROGRAM RECORDING MEDIUMS, AND HOME PAGE DISPLAYING SYSTEMS AND PROGRAM RECORDING MEDIUMS  Koji Moriya
13/547778	US	7/12/2012	NEURAL NETWORK SYSTEM AND METHOD FOR CONTROLLING OUTPUT BASED ON USER FEEDBACK  Ivan Pope; Alan T Sullivan

Assignor assigns to Assignee all of its rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with its rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 3<sup>RD</sup> day of 10/24 2017.

## **ASSIGNOR:**

Intellectual Ventures Assets 44 LLC

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

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

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