

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT		
<b>EFFECTIVE DATE:</b>	10/31/2019		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>			<b>Execution Date</b>
XENOGENIC DEVELOPMENT LIMITED LIABILITY COMPANY			11/07/2019
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	INTELLECTUAL VENTURES ASSETS 142 LLC		
<b>Street Address:</b>	251 LITTLE FALLS DRIVE		
<b>City:</b>	WILMINGTON		
<b>State/Country:</b>	DELAWARE		
<b>Postal Code:</b>	19808		
<b>PROPERTY NUMBERS Total: 10</b>			
<b>Property Type</b>	<b>Number</b>		
Patent Number:	6807568		
Patent Number:	7681220		
Patent Number:	7574724		
Patent Number:	7739713		
Patent Number:	7065778		
Application Number:	13272826		
Application Number:	10910872		
Application Number:	10820554		
Application Number:	13272853		
Application Number:	13536290		
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(425)679-0580		
<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>Email:</b>	ivrecording@intven.com		
<b>Correspondent Name:</b>	INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL		
<b>Address Line 1:</b>	3150 139TH AVENUE SE		
<b>Address Line 2:</b>	BUILDING 4, FLOOR 3		
<b>Address Line 4:</b>	BELLEVUE, WASHINGTON 98005		

<b>NAME OF SUBMITTER:</b>	JANICE L. GOEBEL
<b>SIGNATURE:</b>	/Janice L. Goebel/
<b>DATE SIGNED:</b>	11/10/2019
<b>Total Attachments: 5</b> source=Xenogenic Development Limited Liability Company to Intellectual Ventures Assets 142 LLC (updated)#page1.tif source=Xenogenic Development Limited Liability Company to Intellectual Ventures Assets 142 LLC (updated)#page2.tif source=Xenogenic Development Limited Liability Company to Intellectual Ventures Assets 142 LLC (updated)#page3.tif source=Xenogenic Development Limited Liability Company to Intellectual Ventures Assets 142 LLC (updated)#page4.tif source=Xenogenic Development Limited Liability Company to Intellectual Ventures Assets 142 LLC (updated)#page5.tif	

## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Xenogenic Development Limited Liability Company, a Delaware limited liability company having an address at 251 Little Falls Drive, Wilmington, DE 19808 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 142 LLC a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, DE 19808 ("**Assignee**"), or its designees, all of its right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Patent Rights**"):

(a) the provisional patent applications, patent applications and patents listed in the table below (the "**Patents**");

### Active Patent(s) – (Filed; Granted)

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
6807568 (09/625646)	US	10/19/2004 (7/27/2000)	Recipient selection of information to be subsequently delivered  David H. Tannenbaum
7681220 (11/441479)	US	3/16/2010 (5/26/2006)	Viewer selection of programs to be subsequently delivered  David H. Tannenbaum
7574724 (11/442492)	US	8/11/2009 (5/26/2006)	Viewer selection of programs to be subsequently delivered  David H. Tannenbaum
7739713 (12/501141)	US	6/15/2010 (7/10/2009)	Viewer selection of programs to be subsequently delivered  David H. Tannenbaum
(13/272826)	US	(10/13/2011)	Identification of merchandise to be subsequently identified and delivered by a merchandise provider  David H. Tannenbaum
7065778 (09/865970)	US	6/20/2006 (5/25/2001)	METHOD AND SYSTEM FOR PROVIDING MEDIA FROM REMOTE LOCATIONS TO A VIEWER  Bin Lu

(b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents above and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceeding brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);

(g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

- (1) damages,
- (2) injunctive relief, and
- (3) any other remedies of any kind

for past, current, and future infringement;

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h); and

(j) all rights to the assets listed in the table below, as well as all rights to the inventions, invention disclosures, and discoveries in the assets listed in the table below, together, with the 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:

**Inactive Patent(s) – (Abandoned; Lapsed; Expired)**

<b><u>Patent/Application Number</u></b>	<b><u>Country</u></b>	<b><u>Issue Date/ Filing Date</u></b>	<b><u>Title of Patent and First Named Inventor</u></b>
(10/820554)	US	(4/8/2004)	Television viewer selection of programs to be subsequently delivered  David H. Tannenbaum
(10/910872)	US	(8/4/2004)	Identification of merchandise to be subsequently identified and delivered by a merchandise provider  David H. Tannenbaum
(13/272853)	US	(10/13/2011)	Identification of Merchandise to be Subsequently Identified and Delivered by a Merchandise Provider  Unable to verify
(13/536290)	US	(6/28/2012)	Searching for merchandise presently unavailable on a computer network searching for merchandise presently unavailable on a computer network  David H. Tannenbaum

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

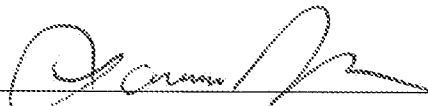
Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

The terms and conditions of this Assignment of Patent Rights 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.

IN WITNESS WHEREOF this Assignment of Patent Rights is effective October 31, 2019 and executed at Bellum on November 7, 2019.

**ASSIGNOR:**

**Xenogenic Development Limited Liability Company**

By: 

Name: Lawrence Froeber

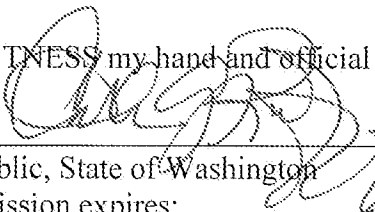
Title: Chief Financial Officer

STATE OF WASHINGTON )  
 )ss.  
COUNTY OF KING )

On 11/7/19, before me, Catherine Ruoff,  
Notary Public in and for said State, personally appeared Lawrence Froeber,  
personally known to me (or proved to me on the basis of satisfactory evidence) to be the  
person whose name is subscribed to the within instrument and acknowledged to me that  
he/she executed the same in his/her authorized capacity, and that by his/her signature on  
the instrument the person, or the entity upon behalf of which the person acted, executed  
the instrument.

WITNESS my hand and official seal.

(Seal)

Signature   
Notary Public, State of Washington  
My commission expires: 6/18/22

Cert # 83439



**ASSIGNEE:**

**Intellectual Ventures Assets 142 LLC**

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

Name: Lawrence Froeber

Title: Chief Financial Officer

STATE OF WASHINGTON )

)ss.

COUNTY OF KING )

On 11/7/19, before me, Catherine Ruoff

Notary Public in and for said State, personally appeared Lawrence Froeber, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(Seal)

Signature \_\_\_\_\_

Notary Public, State of Washington

My commission expires: 6/18/22

Cert # 83439

