

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5812624

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ZARBANA DIGITAL FUND LLC	10/31/2019
RECEIVING PARTY DATA		
Name:	INTELLECTUAL VENTURES ASSETS 145 LLC	
Street Address:	251 LITTLE FALLS DRIVE	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19808	
PROPERTY NUMBERS Total: 7		
Property Type	Number	
Patent Number:	8335994	
Patent Number:	10374984	
Patent Number:	6990145	
Patent Number:	7577202	
Application Number:	16507187	
Application Number:	09791369	
Application Number:	11468989	
CORRESPONDENCE DATA		
Fax Number:	(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>		
Email:	ivrecording@intven.com	
Correspondent Name:	INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL	
Address Line 1:	3150 139TH AVENUE SE	
Address Line 2:	BUILDING 4, FLOOR 3	
Address Line 4:	BELLEVUE, WASHINGTON 98005	
NAME OF SUBMITTER:	JANICE L. GOEBEL	
SIGNATURE:	/Janice L. Goebel/	
DATE SIGNED:	11/10/2019	
Total Attachments: 5		

source=Zarbana Digital Fund LLC to INTELLECTUAL VENTURES ASSETS 145 LLC#page1.tif
source=Zarbana Digital Fund LLC to INTELLECTUAL VENTURES ASSETS 145 LLC#page2.tif
source=Zarbana Digital Fund LLC to INTELLECTUAL VENTURES ASSETS 145 LLC#page3.tif
source=Zarbana Digital Fund LLC to INTELLECTUAL VENTURES ASSETS 145 LLC#page4.tif
source=Zarbana Digital Fund LLC to INTELLECTUAL VENTURES ASSETS 145 LLC#page5.tif

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Zarbana Digital Fund LLC, 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 145 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>
8335994 (11/942597)	US	12/18/2012 (11/19/2007)	Method and apparatus for providing content to a computing device Andrew So
10374984 (13/685918)	US	8/6/2019 (11/27/2012)	Method and Apparatus for Providing Content to a Computing Device Andrew So
(16/507187)	US	(7/10/2019)	Method and Apparatus for Providing Content to a Computing Device Andrew So
DE60001968.3 (DE60001968.3)	DE	4/2/2003 (8/8/2000)	Global motion estimation and compensation in video compression Monro, Donald Martin
FR1206880 (FR00951715.2)	FR	4/2/2003 (8/8/2000)	Global motion estimation and compensation in video compression Monro, Donald Martin
GB1206880 (GB00951715.2)	GB	4/2/2003 (8/8/2000)	Global motion estimation and compensation in video compression Monro, Donald Martin
6990145 (10/081392)	US	1/24/2006 (2/21/2002)	Motion estimation and compensation in video compression Monro, Donald Martin

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
7577202 (11/274804)	US	8/18/2009 (11/15/2005)	Motion estimation and compensation in video compression Monro, Donald Martin

(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)

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(09/791369)	US	(2/23/2001)	Electronic customer relations management chat method, system and apparatus Andrew So
(GB9920256.6)	GB	(8/26/1999)	Motion estimation and compensation in video compression Monro, Donald Martin
(PCT/GB2000/003053)	WO	(8/8/2000)	Global motion estimation and compensation in video compression Monro, Donald Martin
EP1206880 (EP00951715.2)	EP	4/2/2003 (8/8/2000)	Global motion estimation and compensation in video compression Monro, Donald Martin
(11/468989)	US	(8/31/2006)	Motion estimation and compensation in video compression Monro, Donald Martin

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 executed at Bellevue, WA on October 31, 2019.

ASSIGNOR:

ZARBANA DIGITAL FUND LLC

By: _____

Name: _____

Title: _____

STATE OF WASHINGTON)

)ss.

COUNTY OF KING)

On

10/31/19

, before me, _____

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.

Signature _____

Notary Public, State of Washington

My commission expires: _____

6/18/22

Cert # 83439



ASSIGNEE:
INTELLECTUAL VENTURES ASSETS 145 LLC

By: James R.
Name: Lawrence Frober
Title: CEO

STATE OF WASHINGTON)
)ss.
COUNTY OF KING)

On 10/31/19, before me, Catherine Proff,
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.

Signature [Signature]
Notary Public, State of Washington
My commission expires: 6/18/92

My commission expires: 6/30/98

Sept 83/89

(Seal)

