

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5326211

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	10/30/2018

**CONVEYING PARTY DATA**

Name	Execution Date
INTELLECTUAL VENTURES I LLC	12/03/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	INTELLECTUAL VENTURES ASSETS 109 LLC
<b>Street Address:</b>	251 LITTLE FALLS DRIVE
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19808

**PROPERTY NUMBERS Total: 8**

Property Type	Number
Patent Number:	RE42618
Patent Number:	6326607
Patent Number:	6552272
Patent Number:	6922258
Patent Number:	6804705
Patent Number:	8775565
Patent Number:	9223759
Application Number:	14981499

**CORRESPONDENCE DATA**

**Fax Number:** (425)679-0580

*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.*

**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

<b>NAME OF SUBMITTER:</b>	CASSANDRA BRAGET
<b>SIGNATURE:</b>	/Cassandra Braget/

<b>DATE SIGNED:</b>	01/15/2019
---------------------	------------

**Total Attachments: 5**

source=Intellectual Ventures | Assignment to Intellectual Ventures 109\_30 Oct 2018#page1.tif

source=Intellectual Ventures | Assignment to Intellectual Ventures 109\_30 Oct 2018#page2.tif

source=Intellectual Ventures | Assignment to Intellectual Ventures 109\_30 Oct 2018#page3.tif

source=Intellectual Ventures | Assignment to Intellectual Ventures 109\_30 Oct 2018#page4.tif

source=Intellectual Ventures | Assignment to Intellectual Ventures 109\_30 Oct 2018#page5.tif

## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures I LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, Wilmington, DE 19808 (“*Assignor*”), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 109 LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, 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*”);

<u>Patent/ Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and Inventors</u>
RE42618 (11/318393)	US	8/16/2011 (12/23/2005)	MULTIPLE-FIELD SENSOR FOR SCANNING SYSTEM  Shih-Zheng Kuo
6326607 (09/335488)	US	12/4/2001 (6/18/1999)	CALIBRATION DEVICE AND METHOD OF A SCANNER  Yin-Chun Huang
6552272 (10/047600)	US	4/22/2003 (1/14/2002)	ANTI-ABRASIVE FLAT FLEXIBLE CABLE  Kung-Cho Sheng; Wen-Lung Hung
6922258 (09/870561)	US	7/26/2005 (5/30/2001)	METHOD AND APPARATUS FOR PRINTING REMOTE IMAGES USING A MOBILE DEVICE AND PRINTER  Richard A. Pineau
JP4034728 (JP2003-501189)	JP	11/2/2007 (5/17/2002)	METHOD AND APPARATUS FOR PRINTING IMAGES USING A MOBILE DEVICE AND PRINTER  PINEAU RICHARD A

<u>Patent/ Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and Inventors</u>
DE60249119.3 (DE60249119.3)	DE	10/4/2017 (12/18/2002)	METHOD AND APPARATUS FOR PROVIDING OUTPUT FROM REMOTELY LOCATED DIGITAL FILES USING A MOBILE AND OUTPUT DEVICE  PINEAU RICHARD A
FR1456743 (FR02795932.9)	FR	10/4/2017 (12/18/2002)	METHOD AND APPARATUS FOR PROVIDING OUTPUT FROM REMOTELY LOCATED DIGITAL FILES USING A MOBILE AND OUTPUT DEVICE  PINEAU RICHARD A
GB1456743 (GB02795932.9)	GB	10/4/2017 (12/18/2002)	METHOD AND APPARATUS FOR PROVIDING OUTPUT FROM REMOTELY LOCATED DIGITAL FILES USING A MOBILE AND OUTPUT DEVICE  PINEAU RICHARD A
JP5395212 (JP2012-129262)	JP	10/25/2013 (12/18/2002)	METHOD AND APPARATUS FOR PROVIDING OUTPUT FROM REMOTELY LOCATED DIGITAL FILES USING A MOBILE DEVICE AND OUTPUT DEVICE  PINEAU RICHARD A
6804705 (09/864345)	US	10/12/2004 (5/25/2001)	SYSTEMS AND METHODS FOR PROVIDING ELECTRONIC DOCUMENT SERVICES  Paul V. Greco; Ryder Daniels; Donald T. Beldock; Mario A. Aieta

<u>Patent/ Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and Inventors</u>
8775565 (10/876766)	US	7/8/2014 (6/28/2004)	SYSTEMS AND METHODS FOR PROVIDING ELECTRONIC DOCUMENT SERVICES  Donald T. Beldock; Mario A. Aieta; Paul V. Greco; Ryder Daniels
9223759 (14/278985)	US	12/29/2015 (5/15/2014)	SYSTEMS AND METHODS FOR PROVIDING ELECTRONIC DOCUMENT SERVICES  Donald T. Beldock; Mario A. Aieta; Paul V. Greco; Ryder Daniels
14/981499	US	12/28/2015	SYSTEMS AND METHODS FOR PROVIDING ELECTRONIC DOCUMENT SERVICES  Donald T. Beldock; Mario A. Aieta; Paul V. Greco; Ryder Daniels

(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 3 DEC, 2018, to be effective on 30 October 2018.

**ASSIGNOR:**

**INTELLECTUAL VENTURES I LLC**

By: [Signature]  
Name: Rocky Adornato  
Title: Authorized Person

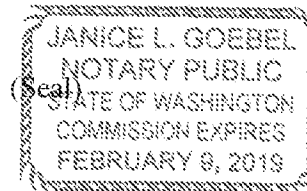
STATE OF WASHINGTON )  
 )ss.  
COUNTY OF KING )

On Dec 3 2018, before me, Janice L. Goebel, Notary Public in and for said State, personally appeared Rocky Adornato, 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: February 09, 2019



**ASSIGNEE:**

**INTELLECTUAL VENTURES ASSETS 109 LLC**

By: [Signature]  
Name: Rocky Adornato  
Title: Authorized Person

STATE OF WASHINGTON )  
 )ss.  
COUNTY OF KING )

On Dec 3, 2018, before me, Janice L. Goebel, Notary Public in and for said State, personally appeared Roeby Arizumi, 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 Janice L. Goebel  
Notary Public, State of Washington

My Commission expires: February 09, 2019

