505279439 01/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5326211

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

CONVEYING PARTY DATA

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

RECEIVING PARTY DATA

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

NAME OF SUBMITTER:	CASSANDRA BRAGET	
SIGNATURE:	/Cassandra Braget/	

PATENT 505279439 REEL: 048014 FRAME: 0245

Total Attachments: 5
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PATENT REEL: 048014 FRAME: 0246

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");

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
RE42618	US	8/16/2011	MULTIPLE-FIELD SENSOR
(11/318393)		(12/23/2005)	FOR SCANNING SYSTEM
			Shih-Zheng Kuo
6326607	US	12/4/2001	CALIBRATION DEVICE
(09/335488)		(6/18/1999)	AND METHOD OF A
			SCANNER
			Yin-Chun Huang
6552272	US	4/22/2003	ANTI-ABRASIVE FLAT
(10/047600)		(1/14/2002)	FLEXIBLE CABLE
			77 61 61 77 7
			Kung-Cho Sheng; Wen-Lung
			Hung
6922258	US	7/26/2005	METHOD AND
(09/870561)		(5/30/2001)	APPARATUS FOR
			PRINTING REMOTE
			IMAGES USING A MOBILE
			DEVICE AND PRINTER
			This hand A Thinness
JP4034728	JP	11/2/2007	Richard A. Pineau METHOD AND
(JP2003-501189)	JF	i	APPARATUS FOR
(JF2003~301169)		(5/17/2002)	PRINTING IMAGES USING
			A MOBILE DEVICE AND PRINTER
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			PINEAU RICHARD A
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ASSIGNMENT OF PATENT RIGHTS -- Intellectual Ventures LLC to Intellectual Ventures Assets 109 LLC Page 1 of $\bf 5$

PATENT REEL: 048014 FRAME: 0247

DE60249119.3 DE	Patent/		Issue Date/	
(DE60249119.3) (DE6024104 AND	Application Number	Country	Filing Date	Title of Patent and Inventors
PROVIDING OUTPUT FROM REMOTELY LOCATED DIGITAL FILES USING A MOBILE AND OUTPUT DEVICE	DE60249119.3	DE	10/4/2017	METHOD AND
FROM REMOTELY LOCATED DIGITAL FILES USING A MOBILE AND OUTPUT DEVICE	(DE60249119.3)		(12/18/2002)	APPARATUS FOR
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ASSIGNMENT OF PATENT RIGHTS - Intellectual Ventures 1 LLC to Intellectual Ventures Assets 109 LLC Page 2 of $\bf 5$

PATENT REEL: 048014 FRAME: 0248

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
8775565	US	7/8/2014	SYSTEMS AND METHODS
(10/876766)		(6/28/2004)	FOR PROVIDING
			ELECTRONIC DOCUMENT
			SERVICES
			Donald T. Beldock; Mario A.
			Aieta; Paul V. Greco; Ryder
			Daniels
9223759	US	12/29/2015	SYSTEMS AND METHODS
(14/278985)		(5/15/2014)	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
			D 1107 D 11 1 1 2
			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.

ASSIGNMENT OF PATENT RIGHTS - Intellectual Ventures I LLC to Intellectual Ventures Assets 109 LLC Page 3 of 5

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 WI	ITNESS WHEREOF this Assignment of Patent Rights is executed, 2018, to be effective on 30 October 2018.
ASSIC	GNOR:
INTEL	LECTUAR VENTURES I LLC
By:	<u> </u>
	Rocky Adornato
	Authorized Person
	STATE OF WASHINGTON)
)ss.
	COUNTY OF KING)
	On Dec 3 2018, before me, Date Coebe, Notary Public in and for said State, personally appeared Row of 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 Coepe Language Advance personally personally appeared Row of the person whose name is subscribed 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 Coepe Language Public Signature Of Washington Commission Expires February 9, 2019 My Commission expires: Coepe Language Public Signature Of Washington Commission Expires February 9, 2019
ASSIG	NEE:
INTELL	ECTUAL VENTURES ASSETS 109 LLC
By:	- Making grant and a second and a
	Rocky Adomato
	Authorized Person
Ş	STATE OF WASHINGTON)
)ss.
(COUNTY OF KING)

ASSIGNMENT OF PATENT RIGHTS - Intellectual Ventures LLLC to Intellectual Ventures Assets 109 LLC Page 4 of 5

On Oro 3 2018, before me, Jones	<u>L. Carbel</u> , Notary
Public in and for said State, personally appeared	or to Admirate , personally
known to me (or proved to me on the basis of satisfa	ctory evidence) to be the person whose
name is subscribed to the within instrument and ack	nowledged to me that he/she executed
the same in his/her authorized capacity, and that by person, or the entity upon behalf of which the perso	*
person, or the entity upon benair of which the perso	n acted, executed the institution.
WITNESS my hand and official seal.	
Signature Sanda Charles	(Zanymannanananana)
Notary Public, State of Washington	JANICE L. GOEBEL
	NOTARY PUBLIC
My Commission expires Calabas M. 308	STATE OF WASHINGTON &

ASSIGNMENT OF PATENT RIGHTS – Intellectual Ventures FLLC to Intellectual Ventures Assets $109 \, \mathrm{LLC}$ Page $5 \, \mathrm{of} \, 5$

PATENT REEL: 048014 FRAME: 0251

RECORDED: 01/15/2019