505248222 12/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5295002

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	11/12/2018	

CONVEYING PARTY DATA

Name	Execution Date
MINERAL LASSEN LLC	12/10/2018

RECEIVING PARTY DATA

Name:	INTELLECTUAL VENTURES ASSETS 101 LLC
Street Address:	251 LITTLE FALLS DRIVE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 12

Property Type	Number
Patent Number:	6483473
Patent Number:	6501435
Patent Number:	7098850
Patent Number:	6828941
Patent Number:	6853345
Patent Number:	7460078
Patent Number:	7193563
Patent Number:	7411552
Patent Number:	7397438
Patent Number:	RE43683
Patent Number:	6625472
Patent Number:	7079865

CORRESPONDENCE DATA

Fax Number: (425)679-0580

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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

<u>PATENT</u> REFI · 047834 FRΔMF· 0917

505248222 REEL: 047834 FRAME: 0917

Address Line 4: BEL	BELLEVUE, WASHINGTON 98005	
NAME OF SUBMITTER:	CARLY WHIMS	
SIGNATURE:	/Carly Whims/	
DATE SIGNED:	12/20/2018	

Total Attachments: 7

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PATENT REEL: 047834 FRAME: 0918

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Mineral Lassen 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 101 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
6483473	US	11/19/2002	WIRELESS
(09/618505)		(7/18/2000)	COMMUNICATION
			DEVICE AND METHOD
			Ian J. Forster; Patrick F. King
6501435	US	12/31/2002	WIRELESS
(09/678271)	US	(10/3/2000)	COMMUNICATION
(09/0/8271)		(10/3/2000)	DEVICE AND METHOD
			DEVICE AND METHOD
			Ian J. Forster; Patrick F. King
DE60131657.6	DE	11/28/2007	WIRELESS
(DE60131657.6)		(7/17/2001)	COMMUNICATION
(2200131037.0)		(111/2001)	DEVICE AND METHOD
			DE TICETAND METHOD
			KING PATRICK F;
			FORSTER IAN J
FR1301901	FR	11/28/2007	WIRELESS
(FR01949745.2)		(7/17/2001)	COMMUNICATION
		,	DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN J
GB1301901	GB	11/28/2007	WIRELESS
(GB01949745,2)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
		ŀ	KING PATRICK F;
			FORSTER IAN J

ASSIGNMENT OF PATENT RIGHTS – Mineral Lassen LLC to Intellectual Ventures Assets 101 LLC Page 1 of $7\,$

PATENT

REEL: 047834 FRAME: 0919

Patent/		Issue Date/	
Application Number	<u>Country</u>	Filing Date	Title of Patent and Inventors
DE60139732.0	DE	8/26/2009	WIRELESS
(DE60139732.0)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORESTER IAN JAMES
FR1876557	FR	8/26/2009	WIRELESS
(FR07019560.7)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN J
GB1876557	GB	8/26/2009	WIRELESS
(GB07019560.7)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN J
DE60317185.0	DE	10/31/2007	WIRELESS
(DE60317185.0)		(4/24/2003)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN JAMES
FR1500042	FR	10/31/2007	WIRELESS
(FR03727816.5)		(4/24/2003)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN JAMES
GB1500042	GB	10/31/2007	WIRELESS
(GB03727816.5)		(4/24/2003)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
·			FORSTER IAN JAMES
DE60126284.0	DE	1/24/2007	WIRELESS
(DE60126284.0)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN JAMES

Patent/		<u> Issue Date/</u>	
Application Number	<u>Country</u>	Filing Date	Title of Patent and Inventors
FR1301962	FR	1/24/2007	WIRELESS
(FR01949756.9)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN JAMES
GB1301962	GB	1/24/2007	WIRELESS
(GB01949756.9)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN JAMES
DE60140151.4	DE	10/7/2009	WIRELESS
(DE60140151.4)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN JAMES
FR1676781	FR	10/7/2009	WIRELESS
(FR06007370.7)		(7/17/2001)	COMMUNICATION
(FR00007370.7)		(1111/2001)	DEVICE AND METHOD
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN JAMES
GB1676781	GB	10/7/2009	WIRELESS
(GB06007370.7)		(7/17/2001)	COMMUNICATION
			DEVICE AND METHOD
			KING PATRICK F;
			FORSTER IAN JAMES
DE60137551.3	DE	1/21/2009	Method of attaching wireless
(DE60137551.3)		(7/17/2001)	communication devices
((
			FORSTER IAN JAMES;
			KING PATRICK F
FR1675216	FR	1/21/2009	Method of attaching wireless
(FR06007369.9)		(7/17/2001)	communication devices
			FORSTER IAN JAMES;
			KING PATRICK F

Patent/		Issue Date/	•
Application Number	Country	Filing Date	Title of Patent and Inventors
GB1675216	GB	1/21/2009	Method of attaching wireless
(GB06007369.9)		(7/17/2001)	communication devices
			FORSTER IAN JAMES;
			KING PATRICK F
7098850	US	8/29/2006	GROUNDED ANTENNA
(10/131575)		(4/24/2002)	FOR A WIRELESS
		,	COMMUNICATION
			DEVICE AND METHOD
			Ian J. Forster; Patrick F. King
6828941	US	12/7/2004	WIRELESS
(10/145217)	,	(5/14/2002)	COMMUNICATION
(10/1/021/)		(8.1 2562)	DEVICE AND METHOD
			Ian J. Forster; Patrick F King
6853345	US	2/8/2005	WIRELESS
(10/306293)	05	(11/27/2002)	COMMUNICATION
(10/3002/3)		(11/21/2002)	DEVICE AND METHOD
			Detaiels E. Vinne Ion I. Frantsa
7460078	US	12/2/2008	Patrick F. King; Ian J. Forster
(11/053197)	US		WIRELESS COMMUNICATION
(11/055197)		(2/7/2005)	DEVICE AND METHOD
			DEVICE AND METHOD
			Patrick F. King; Ian J. Forster
7193563	US	3/20/2007	GROUNDED ANTENNA
(11/104882)		(4/12/2005)	FOR A WIRELESS
			COMMUNICATION
			DEVICE AND METHOD
			Patrick F. King; Ian J. Forster
7411552	US	8/12/2008	GROUNDED ANTENNA
(11/506407)		(8/17/2006)	FOR A WIRELESS
			COMMUNICATION
			DEVICE AND METHOD
			Patrick F. King; Ian J. Forster
7397438	US	7/8/2008	WIRELESS
(11/514747)		(8/31/2006)	COMMUNICATION
•			DEVICE AND METHOD
			Patrick F. King; Ian J. Forster

ASSIGNMENT OF PATENT RIGHTS – Mineral Lassen LLC to Intellectual Ventures Assets 101 LLC Page 4 of 7 $\,$

PATENT

REEL: 047834 FRAME: 0922

Patent/		<u>Issue Date/</u>	
Application Number	Country	Filing Date	Title of Patent and Inventors
RE43683	US	9/25/2012	Wireless communication
(11/584478)		(10/19/2006)	device and method for discs
			KING PATRICK F;
			FORSTER IAN J
6625472	US	9/23/2003	APPARATUS AND
(09/312064)		(5/13/1999)	METHOD FOR
			CONNECTING A
			CELLULAR TELEPHONE
			TO A UNIVERSAL SERIAL
			BUS
			FARSHID
			FARAZMANDNIA;
			GEORGE C. SNEED;
			MICHAEL O. CHANDLER
7079865	US	7/18/2006	APPARATUS AND
(10/666617)		(9/17/2003)	METHOD FOR
			CONNECTING A
			CELLULAR TELEPHONE
			TO A UNIVERSAL SERIAL
			BUS
			FARSHID
			FARAZMANDNIA;
			GEORGE C. SNEED;
			MICHAEL O. CHANDLER

- (b) any future reissues, reexaminations, extensions, continuations, continuing prosecution applications, 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

ASSIGNMENT OF PATENT RIGHTS – Mineral Lassen LLC to Intellectual Ventures Assets 101 LLC Page 5 of 7 $\,$

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.

ASSIGNOR: Mineral Lassen LLC By: Name: Rocky Adornato Title: Authorized Person STATE OF WASHINGTON) COUNTY OF KING On <u>No. 10, 2018</u>, before me; <u>Janice L. Garbal</u>, Notary Public in and for said State, personally appeared Qooky Acissonally, 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) (100) (Seal) Notary Public, State of Washington My Commission expires: (2) (3) 20 (5) FEBRUARY 9, 2019 ASSIGNEE: Intellectual Ventures Assets 101 LLC By:

ASSIGNMENT OF PATENT RIGHTS - Mineral Lassen LLC to Intellectual Ventures Assets 101 LLC Page 6 of 7

Name: <u>Rocky Adornato</u>
Title: Authorized Person

STATE OF WASHINGTON)	
COUNTY OF KING)	
On Oc. 10,2018 , before me, Vi Public in and for said State, personally appeared known to me (or proved to me on the basis of satiname is subscribed to the within instrument and a the same in his/her authorized capacity, and that person, or the entity upon behalf of which the person.	personally . برنده کی کرده کرده به
WITNESS my hand and official seal.	
Signature Series & Don D	(Seal)
Notary Public, State of Washington	JANICE L. GOEBEL NOTARY PUBLIC
My Commission expires: <u>おん おっぱい</u>	STATE OF WASHINGTON STATE OF WASHINGTON FEBRUARY 9, 2019