

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
OL SECURITY LIMITED LIABILITY COMPANY	10/29/2019
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 10	
Property Type	Number
Patent Number:	7853250
Patent Number:	9042914
Patent Number:	9800612
Patent Number:	10320840
Patent Number:	7778606
Patent Number:	7603710
Patent Number:	8078722
Patent Number:	8122506
Patent Number:	8661542
Application Number:	16436566
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DATE SIGNED:	11/03/2019
Total Attachments: 4 source=OL Security Limited Liability Company Assignment of Patent Rights to IV Assets 132 LLC(signed)#page1.tif source=OL Security Limited Liability Company Assignment of Patent Rights to IV Assets 132 LLC(signed)#page2.tif source=OL Security Limited Liability Company Assignment of Patent Rights to IV Assets 132 LLC(signed)#page3.tif source=OL Security Limited Liability Company Assignment of Patent Rights to IV Assets 132 LLC(signed)#page4.tif	

ASSIGNMENT OF PATENT RIGHTS

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(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>
7853250 (10/405499)	US	2010-12-14 (2003-04-03)	Wireless intrusion detection system and method Elaine Harvey
9042914 (12/959167)	US	2015-05-26 (2010-12-02)	METHOD AND SYSTEM FOR LOCATING A WIRELESS ACCESS DEVICE IN A WIRELESS NETWORK Elaine Harvey
9800612 (14/718982)	US	2017-10-24 (2015-05-21)	Spoofing Detection Elaine Harvey
10320840 (15/720824)	US	2019-06-11 (2017-09-29)	SPOOFING DETECTION FOR A WIRELESS SYSTEM Elaine Harvey
(16/436566)	US	(2019-06-10)	Spoofing Detection Elaine Harvey
7778606 (10/147308)	US	2010-08-17 (2002-05-17)	Method and system for wireless intrusion detection Ken Ammon
CA2484041 (CA2484041)	CA	2012-09-11 (2003-05-15)	Method and system for wireless intrusion detection Ken Ammon
DE60334689.8 (DE60334689.8)	DE	2010-10-27 (2003-05-15)	Method, system and computer program product for wireless intrusion detection Ken Ammon
FR1506637 (FR03736601.0)	FR	2010-10-27 (2003-05-15)	Method, system and computer program product for wireless intrusion detection Ken Ammon

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
GB1506637 (GB03736601.0)	GB	2010-10-27 (2003-05-15)	Method, system and computer program product for wireless intrusion detection Ken Ammon
7603710 (10/405473)	US	2009-10-13 (2003-04-03)	Method and system for detecting characteristics of a wireless network Elaine Harvey
8078722 (12/421841)	US	2011-12-13 (2009-04-10)	Method and system for detecting characteristics of a wireless network Elaine Harvey
8122506 (12/470195)	US	2012-02-21 (2009-05-21)	Method and system for detecting characteristics of a wireless network Elaine Harvey
8661542 (13/291849)	US	2014-02-25 (2011-11-08)	Method and system for detecting characteristics of a wireless network Elaine Harvey

(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>
(PCT/US2004/009697)	WO	(2004-03-31)	Method and system for locating a wireless access device in a wireless network Elaine Harvey
(PCT/US2003/015076)	WO	(2003-05-15)	Method and system for wireless intrusion detection Ken Ammon
EP1506637 (EP03736601.0)	EP	2010-10-27 (2003-05-15)	Method, system and computer program product for wireless intrusion detection Ken Ammon
IT1506637 (IT03736601.0)	IT	2010-10-27 (2003-05-15)	Method, system and computer program product for wireless

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			intrusion detection Ken Ammon
(PCT/US2004/009698)	WO	(2004-03-31)	METHOD AND SYSTEM FOR DETECTING CHARACTERISTICS OF A WIRELESS NETWORK Elaine Harvey

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.

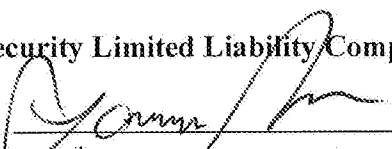
Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, 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 29, 2019.

ASSIGNOR:

OL Security Limited Liability Company

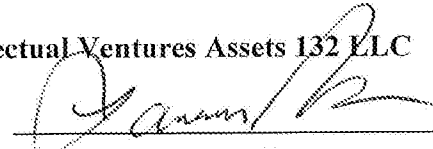
By: 

Name: Lawrence Freeber

Title: CFO

ASSIGNEE:

Intellectual Ventures Assets 132 LLC

By: 

Name: Lawrence Freeber

Title: CFO