

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHARTOLEAUX KG LIMITED LIABILITY COMPANY	06/04/2018
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<b>PROPERTY NUMBERS Total: 9</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6353398
Patent Number:	6741188
Patent Number:	7843331
Patent Number:	7385501
Patent Number:	7843332
Patent Number:	7525450
Patent Number:	7847685
Patent Number:	7859402
Patent Number:	7982599
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<b>DATE SIGNED:</b>	06/07/2018
<b>Total Attachments: 3</b> source=Chartoleaux KG Assignment to Intellectual Ventures Assets 83_04 June 2018#page1.tif source=Chartoleaux KG Assignment to Intellectual Ventures Assets 83_04 June 2018#page2.tif source=Chartoleaux KG Assignment to Intellectual Ventures Assets 83_04 June 2018#page3.tif	

## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Chartoleaux KG Limited Liability Company, 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 83 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>
6353398 (09/426065)	US	3/5/2002 (10/22/1999)	System for dynamically pushing information to a user utilizing global positioning system  Himanshu S. Amin; John M. Miller
6741188 (09/523022)	US	5/25/2004 (3/10/2000)	System for dynamically pushing information to a user utilizing global positioning system  Himanshu S. Amin; John M. Miller
7843331 (10/824962)	US	11/30/2010 (4/15/2004)	System for dynamically pushing information to a user utilizing global positioning system  John M. Miller; Himanshu S. Amin
7385501 (11/195947)	US	6/10/2008 (8/3/2005)	System for dynamically pushing information to a user utilizing global positioning system  John M. Miller; Himanshu S. Amin

<u>Patent/ Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and Inventors</u>
7843332 (11/196814)	US	11/30/2010 (8/3/2005)	System for dynamically pushing information to a user utilizing global positioning system  Himanshu S. Amin; John M. Miller
7525450 (11/196206)	US	4/28/2009 (8/3/2005)	System for dynamically pushing information to a user utilizing global positioning system  John M. Miller; Himanshu S. Amin
7847685 (11/195923)	US	12/7/2010 (8/3/2005)	System for dynamically pushing information to a user utilizing global positioning system  Himanshu S. Amin; John M. Miller
7859402 (11/926641)	US	12/28/2010 (10/29/2007)	COMPUTER-IMPLEMENTED METHOD TO PERFORM LOCATION-BASED SEARCHING  John M. Miller; Himanshu S. Amin;
7982599 (12/045601)	US	7/19/2011 (3/10/2008)	System for dynamically pushing information to a user utilizing global positioning system  John M. Miller; Himanshu S. Amin

(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.

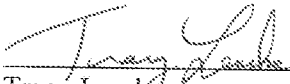
Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all future patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patent Rights in the name of Assignee, 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 04 June 2018.

**ASSIGNOR:**

**Chartoleaux KG Limited Liability Company**

By:   
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Title: Authorized Person