

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6453180

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INTELLECTUAL VENTURES ASSETS 138 LLC	12/30/2019

RECEIVING PARTY DATA

Name:	NORTHSTAR SYSTEMS LLC
Street Address:	102 EAST CROCKETT STREET
City:	MARSHALL
State/Country:	TEXAS
Postal Code:	75670

PROPERTY NUMBERS Total: 28

Property Type	Number
Patent Number:	6347281
Patent Number:	6510382
Patent Number:	6614349
Patent Number:	6859729
Patent Number:	6473031
Patent Number:	6700534
Patent Number:	7327312
Patent Number:	7817085
Patent Number:	7642955
Patent Number:	7551128
Patent Number:	8805416
Patent Number:	8717231
Patent Number:	9625269
Patent Number:	6681181
Patent Number:	6947840
Patent Number:	6898432
Patent Number:	6603977
Patent Number:	7606555
Patent Number:	8014797
Patent Number:	8032297

PATENT

Property Type	Number
Patent Number:	8014943
Patent Number:	8478527
Application Number:	60178199
Application Number:	60106727
Patent Number:	6236652
Patent Number:	6920129
Application Number:	60168901
Application Number:	10065120

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 2122575797

Email: ip@remotedocket.com

Correspondent Name: FABRICANT LLP

Address Line 1: 230 PARK AVENUE, 3RD FLOOR W.

Address Line 4: NEW YORK, NEW YORK 10169

ATTORNEY DOCKET NUMBER:	NORTHSTAR SYSTEMS LLC GEN
NAME OF SUBMITTER:	VINCENT J. RUBINO
SIGNATURE:	/Vincent J. Rubino/
DATE SIGNED:	12/16/2020

Total Attachments: 9

- source=North Star Assignments (2)#page1.tif
- source=North Star Assignments (2)#page2.tif
- source=North Star Assignments (2)#page3.tif
- source=North Star Assignments (2)#page4.tif
- source=North Star Assignments (2A)#page1.tif
- source=North Star Assignments (2A)#page2.tif
- source=North Star Assignments (2A)#page3.tif
- source=North Star Assignments (2A)#page4.tif
- source=North Star Assignments (2A)#page5.tif

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 138 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 NorthStar Systems LLC, a Texas limited liability company with an address at 102 East Crockett Street, Marshall, TX 75670 (“*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*”);

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>
6347281 (09/520383)	US	2/12/2002 (3/8/2000)	Remote global positioning device and method Litzsinger, R. Mark
6510382 (09/769762)	US	1/21/2003 (1/26/2001)	Method for obtaining precision road maps Christopher K. H. Wilson
6614349 (09/677486)	US	9/2/2003 (10/2/2000)	Facility and method for tracking physical assets Proctor, Rod L.
CNZL00813786.2 (CN00813786.2)	CN	11/10/2004 (12/1/2000)	Facility and method for tracking physical assets PROCTOR ROD L
6859729 (10/274839)	US	2/22/2005 (10/21/2002)	Navigation of remote controlled vehicles Breakfield, David K.
6473031 (09/690001)	US	10/29/2002 (10/16/2000)	Position privacy in an electronic device Scott C. Harris
6700534 (09/682600)	US	3/2/2004 (9/25/2001)	Position privacy in an electronic device Scott C. Harris
7327312 (10/714096)	US	2/5/2008 (11/14/2003)	Position privacy in an electronic device Scott C. Harris
7817085 (11/778065)	US	10/19/2010 (7/15/2007)	Position Privacy in an Electronic Device Scott C. Harris
7642955 (11/778066)	US	1/5/2010 (7/16/2007)	Position Privacy in an Electronic Device Scott C. Harris

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
7551128 (11/778068)	US	6/23/2009 (7/16/2007)	POSITION PRIVACY IN AN ELECTRONIC DEVICE Scott C. Harris
8805416 (12/014093)	US	8/12/2014 (2/14/2008)	Method and System for Mobile Device Selectively Reporting of GPS Position Information to Others (as Amended) Scott C. Harris
8717231 (12/902042)	US	5/6/2014 (10/11/2010)	Position Privacy in an Electronic Device Scott C Harris
9625269 (14/320369)	US	4/18/2017 (6/30/2014)	METHOD AND SYSTEM FOR MOBILE DEVICE SELECTIVELY REPORTING OF GPS POSITION INFORMATION TO OTHERS Scott C Harris
6681181 (10/147983)	US	1/20/2004 (5/20/2002)	GPS receiver with improved immunity to burst transmissions Fielder, Dennis Arthur
6947840 (10/691710)	US	9/20/2005 (10/24/2003)	GPS receiver with improved immunity to burst transmissions Fielder, Dennis Arthur
CNZL03811603.0 (CN03811603.0)	CN	11/19/2008 (5/20/2003)	GPS receiver with improved immunity to burst transmissions Fielder, Dennis Arthur
GB1508054 (GB03727048.5)	GB	7/11/2007 (5/20/2003)	GPS receiver with improved immunity to burst transmissions Fielder, Dennis Arthur
6898432 (09/718007)	US	5/24/2005 (11/21/2000)	Route-based communication planning architecture and method for wireless communication Xi Jiang
6603977 (09/497954)	US	8/5/2003 (2/4/2000)	Location information system for a wireless communication device and method therefor Patrick J. Walsh

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
7606555 (10/454363)	US	10/20/2009 (6/3/2003)	Location information system for a wireless communication device and method therefor Patrick J. Walsh
8014797 (12/557965)	US	9/6/2011 (9/11/2009)	LOCATION INFORMATION SYSTEM FOR A WIRELESS COMMUNICATION DEVICE AND METHOD THEREFORE Patrick J. Walsh
8032297 (12/151827)	US	10/4/2011 (5/8/2008)	Method and system for displaying navigation information on an electronic map Gabriel Jakobson
8014943 (12/291802)	US	9/6/2011 (11/13/2008)	Method and system for displaying social networking navigation information Gabriel Jakobson
8478527 (13/135431)	US	7/2/2013 (7/5/2011)	Method and System for Displaying Navigation Information on an Electronic Map Gabriel Jakobson

(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 December 30, 2019 to be effective as of December 30, 2019.

ASSIGNOR:

Intellectual Ventures Assets 138 LLC

By: *Jim Weisfield*

Name: Jim Weisfield

Title: Authorized Person

ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 138 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 NorthStar Systems LLC, a Texas limited liability company with an address at 102 East Crockett Street, Marshall, TX 75670 (“*Assignee*”), its right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the “*Certain Assets*”):

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>
(60/178199)	US	(1/26/2000)	Method For Obtaining Precision Road Maps Christopher K.H. Wilson
(DE10103714.7)	DE	(1/26/2001)	Method For Obtaining Precision Road Maps Wilson Christopher Kenneth Hoo
(60/106727)	US	(11/2/1998)	Geospacial Internet Protocol Addressing Preston Dan A
(PCT/US1999/025872)	WO	(11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
AU765704 (AU200017120)	AU	9/25/2003 (11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
(BRPI9908762-6)	BR	(11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
(CA2321751)	CA	(11/2/1999)	Geospacial Internet Protocol Addressing Preston Joseph

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
CNZL99810014.5 (CN99810014.5)	CN	11/5/2003 (11/2/1999)	Method For Transmitting Data Between Main Machine And Mobile Equipment Preston Dan A
JP4482236 (JP2000-580355)	JP	3/26/2010 (11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
EP1125415 (EP99960196.6)	EP	1/25/2006 (11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
DE69929627.7 (DE69929627.7)	DE	1/25/2006 (11/2/1999)	Geospacial Internet Protocol Addressing Preston A
FI1125415 (FI99960196.6)	FI	1/25/2006 (11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
FR1125415 (FR99960196.6)	FR	1/25/2006 (11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
GB1125415 (GB99960196.6)	GB	1/25/2006 (11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
SE1125415 (SE99960196.6)	SE	1/25/2006 (11/2/1999)	Geospacial Internet Protocol Addressing Preston Dan A
6236652 (09/432818)	US	5/22/2001 (11/2/1999)	Geo-Spacial Internet Protocol Addressing Preston, Dan A.

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
MX231447 (MXPA/A/2000/00842 1)	MX	10/17/2005 (11/2/1999)	Geo-Spatial Internet Protocol Addressing Preston, Dan A
6920129 (09/727822)	US	7/19/2005 (11/30/2000)	Geo-Spatial Internet Protocol Addressing Preston, Dan A.
(60/168901)	US	(12/3/1999)	A Multimode Wireless Asset Tracking And Inventory System Proctor, Rod L.
(PCT/US2000/042446)	WO	(12/1/2000)	Facility And Method For Tracking Physical Assets Proctor Rod L
AU785146 (AU200143079)	AU	10/5/2006 (12/1/2000)	Facility And Method For Tracking Physical Assets Rod L Proctor
(BRPI0014463-0)	BR	(12/1/2000)	Facility And Method For Tracking Physical Assets Proctor Rod L
(CA2386388)	CA	(12/1/2000)	Facility And Method For Tracking Physical Assets Rimkus Andrew J
(JP2002-533241)	JP	(12/1/2000)	Facility And Method For Tracking Physical Assets PROCTOR ROD L
(EP00992371.5)	EP	(12/1/2000)	Facility And Method For Tracking Physical Assets Proctor Rod L

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
MX224794 (MXPA/A/2002/05365)	MX	12/9/2004 (5/30/2002)	Facility And Method For Tracking Physical Assets. Rod L Proctor
(PCT/US2001/031947)	WO	(10/12/2001)	Position Privacy In An Electronic Device Scott C. Harris
(10/065120)	US	(9/18/2002)	Position Privacy In An Electronic Device Scott C. Harris
(PCT/CA2003/000733)	WO	(5/20/2003)	GPS Receiver With Improved Immunity To Burst Transmissions Fielder, Dennis Arthur
EP1508054 (EP03727048.5)	EP	7/11/2007 (5/20/2003)	GPS Receiver With Improved Immunity To Burst Transmissions Fielder, Dennis Arthur
DE60314870.0 (DE60314870.0)	DE	7/11/2007 (5/20/2003)	GPS Receiver With Improved Immunity To Burst Transmissions Fielder, Dennis Arthur
DE60118692.3 (DE60118692.3)	DE	2006-04-12 (11/9/2001)	Route-Based Communication Planning Architecture And Method For Wireless Communication Xi Jiang
FR1209930 (FR01126759.8)	FR	2006-04-12 (11/9/2001)	Route-Based Communication Planning Architecture And Method For Wireless Communication Xi Jiang
GB1209930 (GB01126759.8)	GB	2006-04-12 (11/9/2001)	Route-Based Communication Planning Architecture And Method For Wireless Communication Xi Jiang

Assignor assigns to Assignee all of its rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with its 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.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets 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.

EXECUTED this 30th day of December, 2019, to be effective as of December 30, 2019.

ASSIGNOR:

INTELLECTUAL VENTURES ASSETS 138 LLC

By: *Jim Weisfield*

Name: Jim Weisfield

Title: Authorized Person