

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8187006

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CALLAHAN CELLULAR L.L.C.	09/25/2023
RECEIVING PARTY DATA		
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PROPERTY NUMBERS Total: 7		
Property Type	Number	
Patent Number:	7882275	
Patent Number:	7987002	
Patent Number:	8065052	
Patent Number:	7392375	
Patent Number:	RE44331	
Patent Number:	7221269	
Patent Number:	7623036	
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DATE SIGNED:	09/25/2023	
Total Attachments: 6		

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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Callahan Cellular L.L.C., a Delaware limited liability company having an address at 251 Little Falls Drive, Wilmington, DE 19808 (***“Assignor”***), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 190 LLC, a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, Delaware 19808 (***“Assignee”***), or its designees, all of its right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the ***“Patent Rights”***):

(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>
7221269 (10/976993)	US	2007-05-22 (2004-10-29)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
7623036 (11/468556)	US	2009-11-24 (2006-08-30)	Adjusting data tag readers with feed-forward data John Christian Onderko
DE602005040037.0 (DE602005040037.0)	DE	2013-06-19 (2005-02-02)	Vehicle collision detector GORAN SJONELL
FR1711845 (FR05704795.3)	FR	2013-06-19 (2005-02-02)	Vehicle collision detector GORAN SJONELL
GB1711845 (GB05704795.3)	GB	2013-06-19 (2005-02-02)	Vehicle collision detector GORAN SJONELL
RE44331 (12/827346)	US	2013-07-02 (2005-02-02)	Vehicle collision detector Goran Sjonell
7862275 (10/479641)	US	2011-02-01 (2002-05-24)	Arrangement and method for system of locally deployed module units, and contact unit for connection of such a module unit Lars-Berno Fredriksson
FR1667950 (FR04793841.0)	FR	2013-05-01 (2004-10-25)	ARRANGEMENT FOR DISTRIBUTED MEASUREMENT SYSTEM FOR MEASUREMENT AND SIMULATION IN DISTRIBUTED CONTROL SYSTEMS, FOR EXAMPLE IN VEHICLES Lars-Berno Fredriksson
GB1667950 (GB04793841.0)	GB	2013-05-01 (2004-10-25)	ARRANGEMENT FOR DISTRIBUTED MEASUREMENT SYSTEM FOR MEASUREMENT AND SIMULATION IN DISTRIBUTED CONTROL SYSTEMS, FOR EXAMPLE IN VEHICLES Lars-Berno Fredriksson
7987002 (11/420684)	US	2011-07-26 (2004-10-25)	ARRANGEMENT FOR DISTRIBUTED MEASUREMENT SYSTEM FOR MEASUREMENT AND SIMULATION IN DISTRIBUTED CONTROL SYSTEMS

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
			Lars-Berno Fredriksson
FR1741241 (FR05738131.1)	FR	2011-12-21 (2005-04-21)	SYSTEM FOR A FIXED AND/OR REMOVABLE SYSTEM, IN PARTICULAR IN VEHICLES, FOR EXAMPLE IN CARS Lars Berno Fredriksson
GB1741241 (GB05738131.1)	GB	2011-12-21 (2005-04-21)	System for a fixed and/or moveable system in particular in vehicles, for example in cars Lars Berno Fredriksson
8065052 (11/554370)	US	2011-11-22 (2005-04-21)	Method and Arrangement for Correlating Time Bases Between interconnected Units Lars-Berno Fredriksson
7392375 (10/245303)	US	2008-06-24 (2002-09-18)	Peer-to-peer authentication for real-time collaboration Linda Ruth Bartram

(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

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(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/US2005/022819)	WO	(2005-06-28)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
(BR0517517-6)	BR	(2005-06-28)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
(CN200580037350.4)	CN	(2005-06-28)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
(EP05785419.2)	EP	(2005-06-28)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
(IN01825/2007)	IN	(2005-06-28)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
(JP2007-538889)	JP	(2005-06-28)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
(KR10-2007-7009715)	KR	(2007-04-27)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
MX269447 (MX07004945)	MX	(2005-06-28)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
(11/752018)	US	(2007-05-22)	Self-adjusting portals with movable data tag readers for improved reading of data tags John Christian Onderko
(PCT/IB2007/052948)	WO	(2007-07-24)	Adjusting data tag readers with feed-forward data John Christian Onderko
(EP07605231.3)	EP	(2007-07-24)	Adjusting data tag readers with feed-forward data John Christian Onderko
(JP2009-526213)	JP	(2007-07-24)	Adjusting data tag readers with feed-forward data John Christian Onderko
(12/623266)	US	(2009-11-20)	Adjusting data tag readers with feed-forward data John Christian Onderko
(60/541412)	US	(2004-02-02)	Blind Spot Detector GORAN SJOENELL
(PCT/SE2005/000135)	WO	(2005-02-02)	Vehicle collision detector GORAN SJOENELL
EP1711845	EP	2013-06-19	Vehicle collision detector
(EP05704795.3)	EP	(2005-02-02)	Göran Sjönell
7394355	US	2008-07-01	Vehicle collision detector
(10/588242)	US	(2005-02-02)	Goran Sjonell
SE524110 (SE0101987-6)	SE	2004-06-29 (2001-06-06)	ARRANGEMENT AND METHOD FOR SYSTEM OF LOCALLY DEPLOYED MODULE UNITS, AND CONTACT UNIT FOR CONNECTION OF SUCH A MODULE UNIT Lars- Berno Fredriksson
(PCT/SE2002/000996)	WO	(2002-05-24)	ARRANGEMENT AND METHOD FOR SYSTEM OF LOCALLY DEPLOYED MODULE UNITS, AND CONTACT UNIT FOR CONNECTION OF SUCH A MODULE UNIT Lars- Berno Fredriksson
(EP02733741.9)	EP	(2002-05-24)	ARRANGEMENT AND METHOD FOR SYSTEM OF LOCALLY DEPLOYED MODULE UNITS, AND CONTACT UNIT FOR CONNECTION OF SUCH A MODULE UNIT Lars- Berno Fredriksson

<u>Patent/Application Number</u>	<u>Country</u>	<u>Issue Date/ Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
8195841 (13/011623)	US	2012-06-05 (2002-05-24)	Arrangement and method for system of locally deployed module units, and contact unit for connection of such a module unit Lars-Berno Fredriksson
SE0303138 (SE0303138-2)	SE	2005-12-06 (2003-11-26)	ARRANGEMENT FOR DISTRIBUTED MEASUREMENT SYSTEM FOR MEASUREMENT AND SIMULATION IN DISTRIBUTED CONTROL SYSTEMS, FOR EXAMPLE IN VEHICLES FREDRIKSSON LARS-BERNO
(PCT/SE2004/001540)	WO	(2004-10-25)	ARRANGEMENT FOR DISTRIBUTED MEASUREMENT SYSTEM FOR MEASUREMENT AND SIMULATION IN DISTRIBUTED CONTROL SYSTEMS, FOR EXAMPLE IN VEHICLES FREDRIKSSON LARS-BERNO
EP1687950 (EP04793841.0)	EP	2013-05-01 (2004-10-25)	ARRANGEMENT FOR DISTRIBUTED MEASUREMENT SYSTEM FOR MEASUREMENT AND SIMULATION IN DISTRIBUTED CONTROL SYSTEMS, FOR EXAMPLE IN VEHICLES Lars-Berno Fredriksson
DE602004041997.4 (DE602004041997.4)	DE	2013-05-01 (2004-10-25)	ARRANGEMENT FOR DISTRIBUTED MEASUREMENT SYSTEM FOR MEASUREMENT AND SIMULATION IN DISTRIBUTED CONTROL SYSTEMS, FOR EXAMPLE IN VEHICLES Lars-Berno Fredriksson
SE528607 (SE0401130-0)	SE	2006-12-27 (2004-04-30)	System and device for temporally relating events in a vehicle Lars Berno Fredriksson
(PCT/SE2005/000581)	WO	(2005-04-21)	SYSTEM AND DEVICE FOR A FIXED AND/OR MOVEABLE SYSTEM IN PARTICULAR IN VEHICLES, FOR EXAMPLE IN CARS Lars Berno Fredriksson
EP1741241 (EP05738131.1)	EP	2011-12-21 (2005-04-21)	SYSTEM FOR A FIXED AND/OR MOVEABLE SYSTEM IN PARTICULAR IN VEHICLES, FOR EXAMPLE IN CARS Lars Berno Fredriksson
DE602005031754.6 (DE602005031754.6)	DE	2011-12-21 (2005-04-21)	SYSTEM FOR A FIXED AND/OR MOVABLE SYSTEM PARTICULARLY IN VEHICLES FOR EXAMPLE IN CARS Lars Berno Fredriksson
(13/283087)	US	(2011-10-27)	Method and Arrangement for Correlating Time Bases Between Interconnected Units Lars-Berno Fredriksson

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 September 25, 2023.

ASSIGNOR:

Callahan Cellular L.L.C.

By: M Macartney

Name: Michelle Macartney

Title: Authorized Person

ASSIGNEE:

Intellectual Ventures Assets 190 LLC

By: M Macartney

Name: Michelle Macartney

Title: Authorized Person