# 507109753 02/03/2022 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7156592

SUBMISSION TYPE: NATURE OF CONVEYANCE:			NEW ASSIGNMENT	
		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	ΑΤΑ			
		Name	Execution Date	
STEVEN ALEXANDER	CALDER		01/31/2022	
RECEIVING PARTY DA	ΑΤΑ			
Name:	SIEMEN	SIEMENS MOBILITY GMBH		
Street Address:	ОТТО-Н	IAHN-RING 6		
City:	MUENC	MUENCHEN		
State/Country:	GERMA	GERMANY		
Postal Code:	D-81739	)		
PROPERTY NUMBERS	S Total: 1			
Property Type	,	Number		
Application Number:		17620832		
	I			
CORRESPONDENCE	DATA			
Fax Number:	(	954)925-1101		
	be sent to			
using a fax number. if		the e-mail address first; if that is un ; if that is unsuccessful, it will be se		
<i>using a fax number, if</i> Phone:	f provided	the e-mail address first; if that is un ; if that is unsuccessful, it will be se 054-925-1100		
•	f provided	; if that is unsuccessful, it will be se		
Phone: Email: Correspondent Name:	f provided ( (	; <i>if that is unsuccessful, it will be se</i> 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF	ent via US Mail.	
Phone: Email: Correspondent Name: Address Line 1:	f <b>provided</b> ( ( : L	; <i>if that is unsuccessful, it will be se</i> 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF P.O. BOX 2480	ent via US Mail.	
Phone: Email: Correspondent Name:	f <b>provided</b> ( ( : L	; <i>if that is unsuccessful, it will be se</i> 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF	ent via US Mail.	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	f <b>provided</b> ( :   	; <i>if that is unsuccessful, it will be se</i> 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF P.O. BOX 2480	ent via US Mail.	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N	i provided ( ( ) ( ) ( ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) () ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ()) ()) ()) ()) ()) ()) ()) ()) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ()))) ())) ()))) ()))) ())))))	; <i>if that is unsuccessful, it will be se</i> 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF P.O. BOX 2480 HOLLYWOOD, FLORIDA 33022-2480	ent via US Mail.	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER:	i provided ( ( ) ( ) ( ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) () ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ()) ()) ()) ()) ()) ()) ()) ()) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ()))) ())) ()))) ()))) ())))))	; <i>if that is unsuccessful, it will be se</i> 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF P.O. BOX 2480 HOLLYWOOD, FLORIDA 33022-2480 2019P14671	ent via US Mail.	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE:	i provided ( ( ) ( ) ( ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) () ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ()) ()) ()) ()) ()) ()) ()) ()) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ()))) ())) ()))) ()))) ())))))	; if that is unsuccessful, it will be se 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF P.O. BOX 2480 HOLLYWOOD, FLORIDA 33022-2480 2019P14671 RALPH E LOCHER	ent via US Mail.	
Phone: Email: Correspondent Name: Address Line 1:	i provided ( ( ) ( ) ( ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) ( ) ) () ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( ) ( ) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ( )) ()) ()) ()) ()) ()) ()) ()) ()) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ())) ()))) ())) ()))) ()))) ())))))	; if that is unsuccessful, it will be se 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF P.O. BOX 2480 HOLLYWOOD, FLORIDA 33022-2480 2019P14671 RALPH E LOCHER /RALPH E LOCHER/	ent via US Mail.	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	i provided	; if that is unsuccessful, it will be se 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF P.O. BOX 2480 HOLLYWOOD, FLORIDA 33022-2480 2019P14671 RALPH E LOCHER /RALPH E LOCHER 02/03/2022	ent via US Mail.	
Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE: DATE SIGNED: Total Attachments: 3	red-assigr	; if that is unsuccessful, it will be se 954-925-1100 DFFICE@PATENTUSA.COM LERNER GREENBERG STEMER LLF P.O. BOX 2480 HOLLYWOOD, FLORIDA 33022-2480 2019P14671 RALPH E LOCHER /RALPH E LOCHER/ 02/03/2022 p2#page1.tif	ent via US Mail.	

Docket No.: 2019P14671WOUS Page 1 of 3

#### ASSIGNMENT

For good and valuable consideration, I (We).

Steven Alexander Calder, residing at 300 W 5th Str #352, Charlotte, NC, 28202, US, citizen of US

hereafter individually or collectively referred to as "Assignor(s)"; hereby

(1) (A) acknowledge having previously assigned, sold and transferred to Siemens Mobility GmbH, a corporation organized and existing under the laws of GERMANY, having its principal place of business at Otto-Hahn-Ring 6, München, 81739, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to

#### (i) the laws of GERMANY or

(B)

(ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, if any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall covern, take precedence, and be of legal effect), or

(i) to the extent such laws of GERMANY or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or

(ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest;

then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives,

(i) the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s). I/we hereby authorize the Assignee or its designee to insert below the information when known

### Docket No: 2019P14671WOUS Page 2 of 3

Patent Application Title: ODOMETRIC METHOD, IN PARTICULAR FOR A RAIL VEHICLE OR A CONTROL CENTER Filing Date: 15 Jun 2020 Filing Number: PCT/EP2020/066442 Internal Case Number(s): 2019P14671WOUS

and

(ii) in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and

(iii) in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

(2) agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute ail divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives, and improvements, in said Assignee, its successors, assigns and legal representatives, and

(3) covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Steven Alexander Calder

01.2022

PATENT REEL: 058871 FRAME: 0096

## Docket No.: 2019P14671WOUS Page 3 of 3

Companies	Representative(s)
Siemens Mo	bility GmbH

Signature(s):	Deffner Digital signiert von Definer Rolf Diverse Definer Rolf - Schulz - Digital unterschrieben	
Name(s):	Rolf 2022/02/03/08:55:50 Stefanie Datum: 2022/02/03 5:21:48 +01'00	
8		

Title: Both authorized officers

Date:

PATENT REEL: 058871 FRAME: 0097

RECORDED: 02/03/2022