504678089 12/08/2017

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEBASTIAN THELEN	07/30/2017
PETER HARDA	08/21/2017

RECEIVING PARTY DATA

Name:	VOLVO CAR CORPORATION
Street Address:	ASSAR GABRIELSSONS VAEG
City:	GOTHENBURG
State/Country:	SWEDEN
Postal Code:	SE-405 31

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15672609

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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.

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Correspondent Name: BROOKS KUSHMAN P.C.

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ATTORNEY DOCKET NUMBER: VCC0461PUSA	
NAME OF SUBMITTER: JEFFREY M. SZUMA	
SIGNATURE:	/Jeffrey M. Szuma/
DATE SIGNED:	12/08/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT 504678089 REEL: 044337 FRAME: 0487

-	Attorney	Docket	VCC0461PUSA
-	Number		

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) METHOD AND SYSTEM FOR ESTABLISHING WHETHER A ROAD SECTION IS SUITABLE Title of Invention FOR AUTONOMOUS VEHICLE DRIVING As a below named inventor, I hereby declare that: This declaration is directed to: The attached application, or X United States application or PCT international application number 15/672,609 filed on Aug. 9, 2017 ____. (I hereby authorize the insertion of the application filing date and number when they become known.) The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. Lam aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56. NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and set over to Volvo Car Corporation, a corporation organized and existing under the laws of the state or country of Sweden, and having a place of business at Assar Gabrielssons Vaeg, SE-405 31, Gothenburg, Sweden, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over. And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both. LEGAL NAME OF INVENTOR Date: 2017-07-30 inventor: Signature: Inventor: Peter HARDA Date: Signature: Page 1 of 1 (Supplemental Sheet with Additional Joint Inventors is attached if necessary) Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 044337 FRAME: 0488

Γ	Attorney	Docket	VCC0461PUSA
	Number		

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) METHOD AND SYSTEM FOR ESTABLISHING WHETHER A ROAD SECTION IS SUITABLE Title of Invention FOR AUTONOMOUS VEHICLE DRIVING As a below named inventor, I hereby declare that: This declaration is directed to: The attached application, or X United States application or PCT international application number filed on August 9, 2017 _. (I hereby authorize the insertion of the application filing date and number when they become known.) The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims. I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56. NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby assign, sell and set over to Volvo Car Corporation, a corporation organized and existing under the laws of the state or country of Sweden, and having a place of business at Assar Gabrielssons Vaeg, SE-405 31, Gothenburg, Sweden, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, my entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified application including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications. And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over. And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both. LEGAL NAME OF INVENTOR Inventor: Sebastian THELEN Date: Signature: S1/2-5012 Inventor: Peter HARDA Date: Signature: Page 1 of 1 (Supplemental Sheet with Additional Joint Inventors is attached if necessary)

Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

PATENT REEL: 044337 FRAME: 0489

RECORDED: 12/08/2017