505700201 10/01/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ULF BJÖRKENGREN	09/29/2019
THOMAS BOVE	09/27/2019
PER QVIST JESSEN	09/30/2019

RECEIVING PARTY DATA

Name:	VOLVO CAR CORPORATION
Street Address:	C/O VOLVO CAR CORPORATION
City:	GÖTEBORG
State/Country:	SWEDEN
Postal Code:	SE-40531

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16589219

CORRESPONDENCE DATA

Fax Number: (704)366-9744

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: 704-790-3600

Email: spassafiume@worldpatents.com **CLEMENTS BERNARD WALKER Correspondent Name:** Address Line 1: 4500 CAMERON VALLEY PARKWAY

Address Line 2: **SUITE 350**

Address Line 4: CHARLOTTE, NORTH CAROLINA 28211

ATTORNEY DOCKET NUMBER:	P2446US00	
NAME OF SUBMITTER:	CHRISTOPHER L. BERNARD	
SIGNATURE:	/Christopher L. Bernard/	
DATE SIGNED:	10/01/2019	

Total Attachments: 2

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> **PATENT** REEL: 050580 FRAME: 0213 505700201

ASSIGNMENT

WHEREAS, Ulf Björkengren, Thomas Bove and Per Qvist Jessen

(hereinafter referred to as "ASSIGNOR") has invented certain new and useful improvements in an invention entitled:

METHOD AND VEHICLE SYSTEM FOR HANDLING PARAMETERS ASSOCIATED WITH SURROUNDINGS OF A VEHICLE for which an application for a United States patent is being submitted to the United States Patent and Trademark Office herewith; and

WHEREAS, Volvo Car Corporation, SE-40531, Göteborg, SWEDEN

(hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, transfers and assigns to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNOR'S entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNOR in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protections in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any application claiming priority to/from application, the any continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term(s) for which the same may be granted; and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns. ASSIGNEE shall hold the entire right, title and interest as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this Assignment not been made.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any administrative proceeding or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries, which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and signed on the date indicated below:

WH B	HT		Date: L	019-09-29
Ulf Björkengren	a a			
Thomas Bove	and the second s	otenna anna aireann aireann ann aireann aireann aireann aireann aireann aireann ann aireann ann aireann airean	Date:	un annu a gantana taganta
			Date:	
Per Ovist Jessen				

PATENT

Attorney Docket No.: P2446US00

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	Date:
Ulf Björkengren	
Thame Bon	Date: September 27, 2019
Thomas Bove	į.
Per Origh Possen	Date: September 30,801
Per Qvist Jessen	1

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REEL: 050580 FRAME: 0215

RECORDED: 10/01/2019