505716384 10/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5763195

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIKAEL RIIKONEN	09/04/2019
DERONG YANG	09/04/2019
MARTIN IDEGREN	09/04/2019
MATS JONASSON	09/04/2019
RICKARD NILSSON	10/09/2019

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:	16571373

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
Correspondent Name: CLEMENTS BERNARD WALKER
Address Line 1: 4500 CAMERON VALLEY PARKWAY

Address Line 2: SUITE 350

Address Line 4: CHARLOTTE, NORTH CAROLINA 28211

Total Attachments O	
DATE SIGNED:	10/10/2019
SIGNATURE:	/Christopher L. Bernard/
NAME OF SUBMITTER:	CHRISTOPHER L. BERNARD
ATTORNEY DOCKET NUMBER:	P2452US00

Total Attachments: 2

PATENT REEL: 050674 FRAME: 0238 source=P2452US00_Assignment#page1.tif source=P2452US00_Assignment#page2.tif

PATENT REEL: 050674 FRAME: 0239

ASSIGNMENT

WHEREAS, Mikael RIIKONEN, Derong YANG, Martin IDEGREN, Mats JONASSON and Rickard NILSSON (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

METHOD AND SYSTEM FOR COLLISION AVOIDANCE

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, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS 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 the application, or any continuation, division, 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 ASSIGNORS had this Assignment not been made.

ASSIGNORS further covenant 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 ASSIGNORS 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, we have hereunto set hand and signed on the date indicated below:

Mikael Riikonen (Sep 4, 2019)	Date:	Sep 4, 2019
Mikael RIIKONEN Derong Yang (Sep 4, 2019)	Date:	Sep 4, 2019
Derong YANG		
M7 dy- Martin Idegren (Sep 4, 2019)	Date:	Sep 4, 2019
Martin IDEGREN		
Mats Jonasson (Sep 4, 2019)	Date:	Sep 4, 2019
Mats JONASSON		
	Date:	
Rickard NILSSON		

Attorney Docket No.: P2452US00

PATENT

ASSIGNMENT

WHEREAS, Mikael RIIKONEN, Derong YANG, Martin IDEGREN, Mats JONASSON and Rickard NILSSON (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

METHOD AND SYSTEM FOR COLLISION AVOIDANCE

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, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS 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 the application, or any continuation, division, 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 ASSIGNORS had this Assignment not been made.

ASSIGNORS further covenant 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 ASSIGNORS 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, we have hereunto set hand and signed on the date indicated below:

	Date:	
Mikael RIIKONEN		
	Date:	
Derong YANG		
	Date:	
Martin IDEGREN		
	Date:	
Mats JONASSON		
	Date:	19-10-09
Rickard NILSSON		