

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5959977

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MORITZ SCHACK	01/31/2019
MARKUS KERPER	01/30/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VOLKSWAGEN AKTIENGESELLSCHAFT
<b>Street Address:</b>	BERLINER RING 2
<b>City:</b>	WOLFSBURG
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	38440
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16320359
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	5124023575
<b>Email:</b>	trosson@sgbfirm.com
<b>Correspondent Name:</b>	SLAYDEN GRUBERT BEARD PLLC
<b>Address Line 1:</b>	401 CONGRESS AVE
<b>Address Line 2:</b>	SUITE 1900
<b>Address Line 4:</b>	AUSTIN, TEXAS 78701
<b>ATTORNEY DOCKET NUMBER:</b>	70255.120830
<b>NAME OF SUBMITTER:</b>	TODD ROSSON
<b>SIGNATURE:</b>	/TAR/
<b>DATE SIGNED:</b>	02/12/2020
<b>Total Attachments: 4</b>	
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**CONFIRMATION OF ASSIGNMENT**

Mark Schack; Jan 31, 2019

~~Residing at: 26, 38116 Braunschweig~~  
**WHEREAS:** Moritz SCHACK, residing at ~~Zimmerstr. 27, 38106 Braunschweig~~, Germany (DE) and Markus KERPER, residing at Beekswiese 13, 38116 Braunschweig (DE) (hereinafter referred to as **ASSIGNOR**) has made an inventive contribution to an invention entitled "METHOD, DEVICE AND COMPUTER-READABLE STORAGE MEDIUM WITH INSTRUCTIONS FOR DETERMINING THE LATERAL POSITION OF A VEHICLE RELATIVE TO THE LANES OF A ROAD" (hereinafter referred to as **INVENTION**), as set forth in an application for U.S. patent entitled application number 16/320,359 (PCT/EP2017/064380), internationally filed on July 27, 2016 (hereinafter referred to as **APPLICATION**);

**WHEREAS:** Volkswagen Aktiengesellschaft, Berliner Ring 2, 38440 Wolfsburg, Germany (DE) (hereinafter referred to as **ASSIGNEE**), was an employer of the **ASSIGNOR** in Germany at the time of the invention and obtained all right, title, and interest in, to, and under the **INVENTION** under the German Act on Employees' Inventions (ArbnErfG) on, or about, 15.06.2016

**NOW THEREFORE,** it is herewith confirmed that **ASSIGNEE** obtained the full and exclusive right, title, and interest in, to, and under the **INVENTION** from the **ASSIGNOR** including any right to claim priority to any patent and patent applications based on the **INVENTION** as provided in the preceding; and that **ASSIGNEE** has accepted the assignment;

**ASSIGNOR** hereby confirms that he intended to convey the full and exclusive right, title, and interest in, to, and under the **INVENTION** including any right to claim priority to any patent and patent applications based on the **INVENTION** as provided above, even if said conveyance was incomplete or ineffectual.

**ASSIGNEE** hereby confirms that it intended to accept the assignment from **ASSIGNOR**, even if said acceptance was incomplete or ineffectual.

In the event that any right, title, or interest in, to, and under the **INVENTION** should remain with the **ASSIGNOR**, **ASSIGNOR** hereby sells, assigns, and transfers to the **ASSIGNEE** his full and exclusive right, title, and interest in the United States (including its territories and dependencies) and all countries foreign thereto in, to, and under the **INVENTION** (including provisional, non-provisional, utility, divisional, continuing, and reissue applications, and any applications claiming priority from the **INVENTION**, that are based in whole or in part on the **INVENTION**), and any patents (including extensions thereof) of any country that have been or may be granted on the **INVENTION** or any part thereof, and including any right to claim priority to any patent and patent applications based on the **INVENTION** for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged;

**ASSIGNEE** accepts the assignment;

**ASSIGNOR** hereby authorizes and requests the Commissioner for Patents of the United States of America to issue any and all United States Patents that may be granted on the aforesaid applications or any part thereof, in the name of the **ASSIGNEE**;

**ASSIGNOR** hereby grants the attorney or agent of record the power to insert on this agreement any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In the event that **ASSIGNEE** is unable, after reasonable effort, to secure **ASSIGNOR**'s signature on any application, paper, or other instrument relating to any patent, patent application, letters patent, copyright, or other analogous protection relating to the **INVENTION** in any country, whether because of the **ASSIGNOR**'s mental incapacity, death, or for any other reason whatsoever, said **ASSIGNOR** hereby

irrevocably designates and appoints said ASSIGNEE and its duly authorized officers and agents as said ASSIGNOR's agent and attorney in fact to act for and to execute and file any such application, paper, or other instrument on said ASSIGNOR's behalf, and to do all other lawfully permitted acts to further the prosecution and issuance of any patent, patent application, letters patent, copyright, or any other analogous protection related to the INVENTION, with the same legal force and effect as if executed by said ASSIGNOR.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this sale, assignment, and transfer, and that said ASSIGNOR has the right, title, and interest to convey as set forth herein; AND ASSIGNOR further covenants that upon ASSIGNEE's request, he will promptly provide to ASSIGNEE all pertinent facts and documents relating to the aforesaid applications and patents. ASSIGNOR agrees to testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to said ASSIGNEE, or its legal representatives, or its successor, without further consideration, any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce any patent granted on the aforesaid INVENTION, as may be deemed necessary or desirable by said ASSIGNEE to carry out its duly authorized purposes.

This agreement is governed by the laws of Germany, excluding the UN convention on international sales.

Signature for ASSIGNOR:

Moni Sdean  
Signature

January 31, 2019  
date of signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
date of signature

Signature for ASSIGNEE:

[Signature]  
Signature Volkswagen Aktiengesellschaft

11.02.2019  
date of signature

Garcia de  
Caceres

Dr. Steiner

(Patent Attorney) (Head of Patents Electronics, Mobility)  
Name and title (please print)

CONFIRMATION OF ASSIGNMENT

*Coppel birth 13*  
*Markus Kerper*  
*11/11/2016*

**WHEREAS:** Moritz SCHACK, residing at Zimmerstr. 27, 38106 Braunschweig, Germany (DE) and Markus KERPER, residing at ~~Beekswiese 13~~, 38116 Braunschweig (DE) (hereinafter referred to as **ASSIGNOR**) has made an inventive contribution to an invention entitled "METHOD, DEVICE AND COMPUTER-READABLE STORAGE MEDIUM WITH INSTRUCTIONS FOR DETERMINING THE LATERAL POSITION OF A VEHICLE RELATIVE TO THE LANES OF A ROAD" (hereinafter referred to as **INVENTION**), as set forth in an application for U.S. patent entitled application number 16/320,359 (PCT/EP2017/064380), internationally filed on July 27, 2016 (hereinafter referred to as **APPLICATION**);

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irrevocably designates and appoints said ASSIGNEE and its duly authorized officers and agents as said ASSIGNOR's agent and attorney in fact to act for and to execute and file any such application, paper, or other instrument on said ASSIGNOR's behalf, and to do all other lawfully permitted acts to further the prosecution and issuance of any patent, patent application, letters patent, copyright, or any other analogous protection related to the INVENTION, with the same legal force and effect as if executed by said ASSIGNOR.

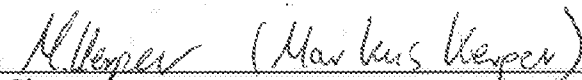
ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this sale, assignment, and transfer, and that said ASSIGNOR has the right, title, and interest to convey as set forth herein; AND ASSIGNOR further covenants that upon ASSIGNEE's request, he will promptly provide to ASSIGNEE all pertinent facts and documents relating to the aforesaid applications and patents. ASSIGNOR agrees to testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to said ASSIGNEE, or its legal representatives, or its successor, without further consideration, any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce any patent granted on the aforesaid INVENTION, as may be deemed necessary or desirable by said ASSIGNEE to carry out its duly authorized purposes.

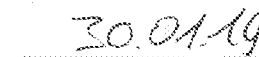
This agreement is governed by the laws of Germany, excluding the UN convention on international sales.

**Signature for ASSIGNOR:**

Signature

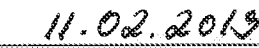
date of signature

  
Signature

  
date of signature

**Signature for ASSIGNEE:**

Signature Volkswagen Aktiengesellschaft

  
date of signature

Garcia de  
Caceres

Dr. Steinert

(Patent Attorney) (Head of Patents Electronics, Mob.Cty)  
Name and title (please print)

RS