

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4603023

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
VOLKSWAGEN GROUP OF AMERICA, INC.	08/15/2017

## RECEIVING PARTY DATA

<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>Name:</b>	AUDI AG
<b>Street Address:</b>	INGOLSTADT
<b>City:</b>	INGOLSTADT
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	85045
<b>Name:</b>	DR. ING. H.C.F. PORSCHE AG
<b>Street Address:</b>	PORSCHEPLATZ 1
<b>City:</b>	STUTTGART
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	70435

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15437394

## CORRESPONDENCE DATA

## Fax Number:

*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: 6503198616  
 Email: office@dienwiebel.us  
 Correspondent Name: DIENWIEBEL TRANSATLANTIC IP  
 Address Line 1: 634 N. SANTA CRUZ AVE.  
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PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	712-VAG-PT-PA
<b>NAME OF SUBMITTER:</b>	THOMAS DIENWIEBEL
<b>SIGNATURE:</b>	/Thomas Dienwiebel/
<b>DATE SIGNED:</b>	09/20/2017
<b>Total Attachments: 4</b> source=170815_Assignment from VWGoA#page1.tif source=170815_Assignment from VWGoA#page2.tif source=170815_Assignment from VWGoA#page3.tif source=170815_Assignment from VWGoA#page4.tif	

## ASSIGNMENT

**WHEREAS, Volkswagen Group of America, Inc.**, a corporation of the state of New Jersey, having a place of business at 2200 Ferdinand Porsche Drive, Herndon, Virginia 20171 (hereinafter referred to as **ASSIGNOR**) is the owner by assignment of an invention entitled "**Method of generating segmented vehicle image data, corresponding system, and vehicle**" (hereinafter referred to as the **INVENTION**), which was made the subject of U.S. patent application 15/437,394 on February 20, 2017; and

**WHEREAS, Volkswagen Aktiengesellschaft**, organized and existing under the laws of Germany, having a place of business at Berliner Ring 2, Wolfsburg, Germany 38440; **Audi AG**, organized and existing under the laws of Germany, having a place of business at Ingolstadt, Ingolstadt, Germany 85045; and **Dr. Ing. H.C. F. Porsche AG**, organized and existing under the laws of Germany, having a place of business at Porscheplatz 1, Stuttgart, Germany 70435 (hereinafter referred to as **ASSIGNEES**) are desirous of jointly acquiring the full and exclusive right, title, and interest in, to, and under the **INVENTION**;

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

**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 names of the **ASSIGNEES** jointly;

**ASSIGNOR** hereby grants any attorney or agent of record the power to insert on this Assignment 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 Assignment;

In the event that any **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, **ASSIGNOR** hereby irrevocably designates and appoints said **ASSIGNEE** and its duly authorized officers and agents as **ASSIGNOR**'s agent and attorney in fact to act for and to execute and file any such application, paper, or other instrument on **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 **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 **ASSIGNOR** has the right, title, and interest to convey as set forth herein; **AND**

ASSIGNOR further covenants that upon any ASSIGNEE's request, it will promptly provide to said 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 any ASSIGNEE, or its legal representatives or successor, without further consideration, any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce any patent applications and patents covering the aforesaid INVENTION, as may be deemed necessary or desirable by said ASSIGNEE to carry out its duly authorized purposes.

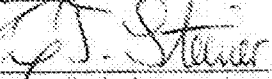
Signature of Assignor:

for Volkswagen Group of America,  
Inc.,

date of signature

name and title (please print)

Signatures of Assignees:

  
for Volkswagen Aktiengesellschaft  
Dr. Schmuilling Dr. Steiner  
Patent Manager European Patent Attorney  
name and title (please print)

August 31, 2017  
date of signature

  
for Audi AG  
F. Thielmann Dr. K. Brandt  
Senior Manager Director  
name and title (please print)

August 24, 2017  
date of signature

for Dr. Ing. H.C. F. Porsche AG

date of signature

name and title (please print)

ASSIGNOR further covenants that upon any ASSIGNEE's request, it will promptly provide to said 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 any ASSIGNEE, or its legal representatives or successor, without further consideration, any and all papers, instruments, or affidavits required to apply for, obtain, maintain, and enforce any patent applications and patents covering the aforesaid INVENTION, as may be deemed necessary or desirable by said ASSIGNEE to carry out its duly authorized purposes.

**Signature of Assignor:**

for Volkswagen Group of America,  
Inc.,

date of signature

name and title (please print)

**Signatures of Assignees:**

*[Signature]*  
for Volkswagen Aktiengesellschaft  
Dr. Schmäling Dr. Steiner  
Patent Manager European Patent Attorney  
name and title (please print)

*September 06, 2017*  
date of signature

for Audi AG

date of signature

name and title (please print)

*i.V. [Signature]* *i.V. [Signature]*  
for Dr. Ing. H.C. F. Porsche AG  
Dr. Annett Schmidt Malte Rödiger  
name and title (please print)  
Patent Professional Patent Professional

*22.8.2017*  
date of signature

**PORSCHE**  
Dr. Ing. h.c. F. Porsche  
Aktiengesellschaft  
Stgt.-Zuffenhausen  
Porscheplatz 1  
70435 Stuttgart

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Signature of Assignor:

  
for Volkswagen Group of America,  
Inc.,

8/15/17  
date of signature

Charles Hawkins, Assistant General Counsel,  
name and title (please print) Intellectual Property Litigation

Signatures of Assignees:

\_\_\_\_\_  
for Volkswagen Aktiengesellschaft

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

\_\_\_\_\_  
name and title (please print)

\_\_\_\_\_  
for Audi AG

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

\_\_\_\_\_  
name and title (please print)

\_\_\_\_\_  
for Dr. Ing. H.C. F. Porsche AG

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

\_\_\_\_\_  
name and title (please print)