

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHRISTIAN RIECHERT	02/04/2019
FRANK-MICHAEL WITTIG	02/04/2019
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16324035
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DATE SIGNED:	02/08/2019
Total Attachments: 2	
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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the Receipt of which is hereby acknowledged, I the undersigned, Christian RIECHERT residing at Breiweg 4, 39179 Barleben, Germany; and Frank-michael WITTIG residing at Ellernbruch 10, 38112 Braunschweig, Germany (hereinafter, the "Assignor");

Hereby sell, assign and transfer to VOLKSWAGEN AKTIENGESELLSCHAFT, a German company located at Berliner Ring 2, 38440 Wolfsburg, Germany, its successors, assigns and legal representatives (hereinafter, the "Assignee"), the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed in United States Patent Application No. (16/324,035), filed on February 7, 2019), which is a National Phase Application of PCT International Application No. PCT/EP2017/070138, PCT International filing date August 9, 2017 and being entitled:

**DIAGNOSTIC METHOD AND DEVICE FOR CHECKING THE FUNCTIONALITY
OF A COMPONENT FOR EXHAUST-GAS AFTERTREATMENT**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions; and including the Assignor's right in and to all revenue, income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment. I hereby authorize and request the attorney of record of the firm Pearl Cohen Zedek Latzer Baratz LLP, 1500 Broadway, 12th Floor, New York 10036, to insert in the parentheses above, the filing date and US Serial No. of said application when known;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee; the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the

International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the under-signed or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

COVENANT with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

FULL NAME OF INVENTOR: Christian RIECHERT	FULL NAME OF WITNESS: <i>Frank-Michael Wittig</i>
SIGNATURE OF INVENTOR: <i>Christian Riechert</i>	SIGNATURE OF WITNESS:
DATE: <u>04 / 02 / 2019</u> (day / month / year)	ADDRESS OF WITNESS: <i>Ellernbruch 10, 38112 Braunschweig</i>

FULL NAME OF INVENTOR: Frank-michael WITTIG	FULL NAME OF WITNESS: <i>Christian Riechert</i>
SIGNATURE OF INVENTOR: <i>Frank-Michael Wittig</i>	SIGNATURE OF WITNESS: <i>Christian Riechert</i>
DATE: <u>04 / 02 / 2019</u> (day / month / year)	ADDRESS OF WITNESS: <i>Brickweg 4 39179 Barleben</i>