504600721 10/19/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS RUCHATZ	09/29/2017
DR THORSTEN BAGDONAT	09/29/2017

RECEIVING PARTY DATA

Name:	VOLKSWAGEN AKTIENGESELLSCHAFT
Street Address:	BERLINER RING 2
City:	WOLFSBURG
State/Country:	GERMANY
Postal Code:	38440

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15787728

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: 650 319 8616

Email: office@dienwiebel.com

Correspondent Name: DIENWIEBEL TRANSATLANTIC INTELLECTUAL PR

Address Line 1: 634 NORTH SANTA CRUZ AVENUE

Address Line 2: SUITE 210

Address Line 4: LOS GATOS, CALIFORNIA 95030

ATTORNEY DOCKET NUMBER:	776-VAG-PT-PA
NAME OF SUBMITTER:	THOMAS DIENWIEBEL
SIGNATURE:	/Thomas Dienwiebel/
DATE SIGNED:	10/19/2017

Total Attachments: 3

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PATENT 504600721 REEL: 043898 FRAME: 0959

ASSIGNMENT

WHEREAS: Thomas RUCHATZ, residing at Im Flath 7, 38542 Leiferde, Germany (DE), and Thorsten BAGDOANT residing at Mittelweg 96, 38106 Braunschweig, Germany (DE) (hereinafter collectively referred to as ASSIGNORS) have each made an inventive contribution to an invention entitled "Lidar-Sensor and method for optical scanning of an environment" (hereinafter referred to as INVENTION), as set forth in an application for U.S. patent entitled "Lidar-Sensor and method for optical scanning of an environment", application number 15/787728 , filed on October 19, 2017 (hereinafter referred to as APPLICATION);

WHEREAS, Volkswagen Aktiengesellschaft, organized and existing under the laws of Germany (DE), having a place of business at Berliner Ring 2, 38440 Wolfsburg, Germany, (DE) (hereinafter referred to as ASSIGNEE) is desirous of acquiring the full and exclusive right, title, and interest in, to, and under the INVENTION and the APPLICATION;

NOW THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, each 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 priority to any patent and patent applications based on the INVENTION;

Each 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;

Each 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 any 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.

Each 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

Each 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. Each 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.

Signature for ASSIGNORS:

Signature Thomas Ruchab

date of signature

Signature Dr. Thorsten Bagdonat

date of signature

Signature for ASSIGNEE:

i.V. Reinhold

i.V. Jepsep

October 12, 2017

Signature Volkswagen Aktiengesellschaft

date of signature

Head of Patents Electronics, Mobility, Designs & SEPs

Patent Attorney / Attorney at Law

Name and title (please print)

VOLKSWAGEN AG 38436 Wolfeburg Deutschland/Germany

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Signature for ASSIGNORS:

Signature Thomas Ruchatz

date of signature

Signature Dr. Thorsten Bagdonat

date of signature

Signature for ASSIGNEE:

Pleinhou

i.V. Reinhold

i.V. Jepsen

Signature Volkswagen Aktiengesellschaft

October 12, 2017

date of signature

Head of Patents Electronics, Patent Attorney /

Mobility, Designs & SEPs

Attorney at Law

Name and title (please print)

VOLKSWAGEN AG 38436 Wolfsburg Deutschland/Germany

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