505703371 10/02/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARSTEN BEHRENDT	09/23/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16500155

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NAME OF SUBMITTER:	JODI ANDERSON
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DATE SIGNED:	10/02/2019

Total Attachments: 2

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PATENT 505703371 REEL: 050602 FRAME: 0777

ASSIGNMENT

Pursuant to my obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"), a German corporation having its principal place of business at:

Postfach 30 02 20 D-70442 Stuttgart Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I:

Karsten Behrendt 988 Alpine Terrace, #6 Sunnyvale, CA 94086

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, my entire right, title and interest

- (1) in and to inventions described in a patent application titled "DIRECT VEHICLE DETECTION AS 3D BOUNDING BOXES USING NEURAL NETWORK IMAGE PROCESSING," the specification of which was filed with my authority on March 28, 2018 as International Patent Application No. PCT/EP2018/058033 (Atty. File No. 022896-3094) (hereinafter the "PCT utility patent application") which application claims the benefit of United States Provisional Patent Application No. 62/481,346, filed April 4, 2017 (hereinafter the "U.S. provisional patent application"); and;
- (2) in and to the PCT application and the U.S. provisional patent application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said inventions or claiming the benefit of the PCT application, or the U.S. provisional patent application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted.
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including foreign applications entering the

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PATENT REEL: 050602 FRAME: 0778 national phase of the PCT application, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the PCT application and the U.S. provisional patent application.

I agree that any patent applications of any foreign countries which may be filed shall be filed in the name of Assignee with a claim to priority based on the PCT application and the U.S. provisional patent application. I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

09/	23/	2019		
Date	***************************************		 ***************************************	

Karsten Rehrendt