505734252 10/22/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5781065

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LI DANG	06/29/2018
ACHIM FRANKOVICS	06/29/2018

RECEIVING PARTY DATA

Name:	ROBERT BOSCH AUTOMOTIVE STEERING LLC
Street Address:	15 SPIRAL DRIVE
City:	FLORENCE
State/Country:	KENTUCKY
Postal Code:	41042
Name:	ROBERT BOSCH GMBH
Name: Street Address:	ROBERT BOSCH GMBH POSTFACH 30 02 20
Street Address:	POSTFACH 30 02 20

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62680957
Application Number:	16426561

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.

Email: bvpatents@us.bosch.com
Correspondent Name: ROBERT BOSCH LLC
Address Line 1: 38000 HILLS TECH DRIVE

Address Line 2: C/IPR-NA1

Address Line 4: FARMINGTON HILLS, MICHIGAN 48331

ATTORNEY DOCKET NUMBER:	R378510
NAME OF SUBMITTER:	NANCY DERNBACH
SIGNATURE:	/Nancy Dernbach/

PATENT 505734252 REEL: 050787 FRAME: 0825

DATE SIGNED:	10/22/2019	
Total Attachments: 3		
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PATENT REEL: 050787 FRAME: 0826

Bosch Ref. No. R378510

ASSIGNMENT

Pursuant to my obligation to Robert Bosch Automotive Steering LLC (hereinafter referred to as "Assignee"), having its principal place of business at:

> 15 Spiral Drive Florence, Kentucky 41042

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

\{\}:

Li Dang 45675 Lakeview Court, Apt. 7305 Novi, Michigan 48377

Achim Frankovics 23501 Hickory Grove Lane Novi, Michigan 48375

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, my entire right, title and interest -

- (1) in and to an invention entitled "Steering Rack Corrosion Detection Using Steering Data" (Bosch docket number R378510) for which I have executed a United States patent application which was filed on June 5, 2018 and assigned U.S. Application Serial No. 62/680957.
- (2) in and to said U.S. utility patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, § 111(b) provisional, § III(a), and reissue applications) based upon said invention, 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; and
- (3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international

PATENT **REEL: 050787 FRAME: 0827**

Bosch Ref. No. R378510

treaty, and including the right to claim priority of said U.S. utility patent 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.

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 foregoing notwithstanding, and in recognition of the fact that Assignee is

part of the Bosch group of companies, I hereby assign to Robert Bosch GmbH, a German

corporation having a mailing address at Postfach 30 02 20, D-70442 Stuttgart, GERMANY,

the limited right to be named as assignee or applicant at the time of publication and at the

time of issue on any applications or patents granted as referred to in foregoing paragraphs (2)

and (3). If the right applicable to any such patent application allows an assignee to be the

applicant of the patent application, Robert Bosch GmbH shall have the right to be identified

as applicant of the patent application and the right to claim priority of said United States

application. This limited right granted to Robert Bosch GmbH with respect to any patent

application or granted patent shall expire upon the first-occurring of (i) assignment to a third

party of any of the above-mentioned rights of Assignee, or (ii) with respect to any particular

patent, issue of such patent, and shall be subsequently part of the assignable rights of

Assignee. All other rights to said invention, said applications and said patents, U.S. or

foreign, including the right under any of said patents to manufacture, use, sell or offer for sale

the invention covered by said patents, or to license or permit use of said invention, remain

Page 2 of 3 PATENT

REEL: 050787 FRAME: 0828

with Assignee and shall be assignable by Assignee without the consent of Robert Bosch GmbH.

Date: 6/29/2018

Li Dang

Date: 6/25/2018

Achim Frankovics

Page 3 of 3

PATENT REEL: 050787 FRAME: 0829