505877099 01/22/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EVANGELIN C. VIJITHA	02/23/2018

RECEIVING PARTY DATA

Name:	ROBERT BOSCH GMBH	
Street Address:	POSTFACH 30 02 20	
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State/Country:	GERMANY	
Postal Code:	D-70442	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16227077

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	022896-3136-US02
NAME OF SUBMITTER:	DEREK C. STETTNER
SIGNATURE:	/derek c. stettner/
DATE SIGNED:	01/22/2020

Total Attachments: 3

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PATENT 505877099 REEL: 051588 FRAME: 0720

ASSIGNMENT

Pursuant to our 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, we:

Ankit R. Shah 45439 Augusta Drive Canton, MI 48188

Anthony Judge

Sivaraja Velusamy

19326 Silver Spring drive, # 101 NOVANUTHE MI 48167

Anthony J. Farrell 11168 Village Ln. Clinton, MI 49236

Evangalin C. Vijitha

24886 # 04206 Ravine Square Farmington Hills MI 48335

Ragavi Ramamurthy

Robert Bosch LIC India (RBEI)

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

PATENT REEL: 051588 FRAME: 0721

- (1) in and to inventions described in a patent application titled "DETERMINING A FAULT IN AN ELECTRONIC CONTROLLER" for which we filed United States Provisional Patent Application No. 62/611761 (Atty. File No. 022896-3136-US01);
- (2) in and to the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 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;
- (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 treaty, and including the right to claim priority of said U.S. provisional 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.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, 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 us.

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

02/23/2016	Drut
Date	Ankit R. Shah
Date	Anthony Judge

<u>02-23- 20)8</u> Date	Sivaraja Velusamy
<u> </u>	Anthony J. Farrell
<u>02-23-2018</u> Date	Lvangelin Evangelin C. Vijitha
<u>02-23-20(8</u> Date	<u>RosuhRSc-t</u>

RECORDED: 01/22/2020

PATENT REEL: 051588 FRAME: 0723