PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEFAN BUTZMANN	06/07/2016

RECEIVING PARTY DATA

Name:	ROBERT BOSCH GMBH
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Postal Code:	446-577

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14917776

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2178-1510
NAME OF SUBMITTER:	PAUL J. MAGINOT
SIGNATURE:	/Paul J. Maginot/
DATE SIGNED:	06/23/2016

Total Attachments: 2

PATENT REEL: 038998 FRAME: 0603 source=R348026_2178-1510_Assignment#page1.tif source=R348026_2178-1510_Assignment#page2.tif

PATENT REEL: 038998 FRAME: 0604

MMB Docket No. 2178-1510 Bosch Reference: R.348026

ASSIGNMENT

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

Stefan Butzmann Mühlenweg 18 58579 Schalksmühle Germany

confirm my obligation to and hereby sell, assign, and convey my entire right, title, and interest unto Robert Bosch GmbH, a German corporation having a mailing address at:

Postfach 30 02 20 70442 Stuttgart GERMANY

and Samsung SDI Co., Ltd., a Korean corporation having a mailing address at:

428-5 Gongse-dong, Giheung-gu Yongin-si. Gyeonggi-do 446-577 Republic of Korea

(hereinafter referred to jointly as "Assignees"), their successors and assigns, except as set forth below -

(1) in and to an invention entitled "Interlock Switching Circuit for Protecting an Electrical On-Board Power Supply" for which I have executed a United States patent application, said United States application being assigned U.S. Serial No. 14/917,776 and which is disclosed in Patent Cooperation Treaty Application No. PCT/EP2014/069028, filed on September 8, 2014;

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, \$111(b) provisional, \$111(a), reissue applications, and international patent applications designating the United States) based upon said

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invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if

any, 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 treaty, and

including the right to claim priority of said United States 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 Assignees, their successors or assigns, and

without further consideration to me, execute any and all papers that may be necessary, or deemed

by Assignees, their 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 Assignees, their successors and assigns, and not by me.

Stefan Rutzmann

Date 76 /

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