PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL MEHRINGER	04/15/2014
MARC ESCHENHAGEN	04/23/2014
MICHAEL MERKLE	04/28/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14349299	

CORRESPONDENCE DATA

Fax Number: (212)425-5288

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.

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ATTORNEY DOCKET NUMBER:	10191/8655
NAME OF SUBMITTER:	GERARD A. MESSINA
SIGNATURE:	/Gerard A. Messina/
DATE SIGNED:	07/10/2014

Total Attachments: 5

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PATENT

ASSIGNMENT

WHEREAS, we,

Paul MEHRINGER
Brandenkopfweg 9
DE-70569 Stuttgart
Federal Republic of Germany
Citizenship: Federal Republic of Germany

Marc ESCHENHAGEN
Jaegerhofallee 82
DE-71638 Ludwigsburg
Federal Republic of Germany
Citizenship: Federal Republic of Germany

and

Michael MERKLE Gruenewaldstrasse 15 DE-70192 Stuttgart Federal Republic of Germany Citizenship: Federal Republic of Germany

have made certain new and useful inventions and discoveries in **DIAGNOSTIC DEVICE FOR**A MULTI-VOLTAGE VEHICLE ELECTRICAL SYSTEM, A MULTI-VOLTAGE
VEHICLE ELECTRICAL SYSTEM, AND A METHOD FOR OPERATING A MULTIVOLTAGE VEHICLE ELECTRICAL SYSTEM, for which an application for Letters Patent
was filed as PCT International Application No. PCT/EP2012/067213, on September 4, 2012,
and

WHEREAS Robert Bosch GmbH, having a place of business at Postfach 30 02 20, DE-70442 Stuttgart, Federal Republic of Germany, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited,

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries including all divisional, renewal, substitute, and continuation applications based in whole or in

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PATENT REEL: 033283 FRAME: 0347 part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

- 2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.
- 4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.
- 5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

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, IN TESTIMON	Y WHEREOF, I have hereunto set my hand and seal this	As "day of
April	, 2014.	

Paul MEHRINGER

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IN TESTIMON	Y WHEREOF, I	have hereunto	set my hand	and seal this	23 rd	day of
April	_, 2014.					

Marc ESCHENHAGEN

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IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this ______ day of ______, 2014.

Michael MERKLE

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RECORDED: 07/10/2014

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