

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5416520

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THE NAME OF THE CITY OF THE FIRST ASSIGNEE AND TO ADD THE POSTAL CODE FOR THE SECOND ASSIGNEE previously recorded on Reel 048527 Frame 0394. Assignor(s) hereby confirms the ASSIGNMENT.	
CONVEYING PARTY DATA		
	Name	Execution Date
	ROBERT BOSCH GMBH	02/26/2019
RECEIVING PARTY DATA		
Name:	ROBERT BOSCH GMBH	
Street Address:	POSTFACH 30 02 20	
City:	STUTTGART	
State/Country:	GERMANY	
Postal Code:	70442	
Name:	SEG AUTOMOTIVE GERMANY GMBH	
Street Address:	LOTTERBERGSTRASSE 30	
City:	STUTTGART	
State/Country:	GERMANY	
Postal Code:	70499	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16094735
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Email:	elizabeth.tretter@nortonrosefulbright.com	
Correspondent Name:	ELIZABETH TRETTER	
Address Line 1:	1301 AVENUE OF THE AMERICAS	
Address Line 2:	NORTON ROSE FULBRIGHT US LLP	
Address Line 4:	NEW YORK, UNITED STATES 10019	
ATTORNEY DOCKET NUMBER:	BOSC.P10962US/1001028351	
NAME OF SUBMITTER:	GERARD A. MESSINA	
SIGNATURE:	/Gerard A. Messina/	

DATE SIGNED:	03/12/2019
Total Attachments: 7 source=10962assignment#page1.tif source=10962assignment#page2.tif source=10962assignment#page3.tif source=10962assignment#page4.tif source=10962assignment#page5.tif source=10962assignment#page6.tif source=10962assignment#page7.tif	

ASSIGNMENT

WHEREAS **Robert Bosch GmbH**, having a place of business at Postfach 30 02 20, 70442 Stuttgart, Germany, hereinafter called "Assignor" (and sometimes also referred to as "we" or "us" or "our" or "ourselves"), is the owner of the entire right, title, and interest in and to inventions and discoveries as set forth in the United States patent application entitled **METHOD FOR ASCERTAINING THE PHASE CURRENTS OF AN ELECTRIC MACHINE INCLUDING A CONVERTER**, for which an application for Letters Patent was filed at the United States Patent and Trademark Office as U.S. Patent Application Ser. No. **16/094,735** on **October 18, 2018**, and

WHEREAS **Robert Bosch GmbH**, having a place of business at Postfach 30 02 20, 70442 Stuttgart, Germany and **SEG Automotive Germany GmbH**, having a place of business at Lotterbergstrasse 30, 70499 Stuttgart, Germany, hereinafter called "Assignees," are desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

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

1. Assign, transfer, and convey to Assignees the entire right, title, and interest in and to said inventions and discoveries, said applications for and Letters Patents of the United States of America, any and all other applications for Letters Patents on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patents 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 Patents.

2. Authorize Assignees 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 Assignees or otherwise as Assignees 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 Patents to Assignees, as Assignees of the entire right, title, and interest therein or otherwise as Assignees 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 Assignees 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 Assignees' request and at Assignees' 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 Patents shall be held and enjoyed by Assignees 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 Assignees 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 Assignees; to communicate to Assignees all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignees 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.

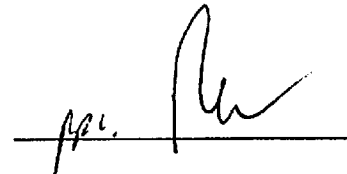
Assignor: **Robert Bosch GmbH**

Signature:

A handwritten signature in black ink, appearing to read 'ppa. Möldner', written over a horizontal line.

Date:

26.02.2019

A handwritten signature in black ink, appearing to read 'ppa. Bee', written over a horizontal line.

26.02.2019

Name of Person Signing: ppa. Peter Möldner

ppa. Joachim Bee

Title of Person Signing: authorized corporate officer

authorized corporate officer



United States Patent and Trademark Office

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Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

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Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
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CORRESPONDENCE DATA	
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<i>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.</i>	
Correspondent Name:	LISA MANCINO
Address Line 1:	1301 AVENUE OF THE AMERICAS
Address Line 2:	NORTON ROSE FULBRIGHT US LLP
Address Line 4:	NEW YORK, NEW YORK 10019-6022
ATTORNEY DOCKET NUMBER:	BOSC.P10962US/1001028351
NAME OF SUBMITTER:	GERARD A. MESSINA
Signature:	/Gerard A. Messina/
Date:	03/07/2019
Total Attachments: 2 source=10962assingment_Bosch_to_SEG#page1.tif source=10962assingment_Bosch_to_SEG#page2.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT5409131
Receipt Date:	03/07/2019

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 8, 2019

PTAS

LISA MANCINO
1301 AVENUE OF THE AMERICAS
NORTON ROSE FULBRIGHT US LLP
NEW YORK, NY 10019-6022

505362341

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 03/07/2019

REEL/FRAME: 048527/0394
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: BOSC.P10962US/1001028351

ASSIGNOR:
ROBERT BOSCH GMBH

DOC DATE: 02/26/2019

ASSIGNEE:
ROBERT BOSCH GMBH
POSTFACH 30 02 20
STUTT, GERMANY 70442

ASSIGNEE:
SEG AUTOMOTIVE GERMANY GMBH
LOTTERBERGSTRASSE 30
STUTTGART, GERMANY

APPLICATION NUMBER: 16094735

FILING DATE: 10/18/2018

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR ASCERTAINING THE PHASE CURRENTS OF AN ELECTRIC MACHINE INCLUDING A CONVERTER

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

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Total Attachments: 2		