

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRYSANTHOS TZIVANOPOULOS	04/12/2019
THOMAS KAISER	04/23/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16342564
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<b>ATTORNEY DOCKET NUMBER:</b>	022862-3129-US01
<b>NAME OF SUBMITTER:</b>	JAY EINERSON
<b>SIGNATURE:</b>	/jay einerson/
<b>DATE SIGNED:</b>	05/02/2019
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

Pursuant to our obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"),  
a German corporation having its principal place of business at:

Wernerstrasse 51  
70469 Stuttgart  
Germany

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

we:

Chrysanthos Tzivanopoulos Bostonring 49 71686 Remseck Am Neckar Germany	Thomas Kaiser Goerlitzstr. 17 70825 Korntal Germany
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confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and  
assigns, our entire right, title and interest in the United States -

(1) in and to inventions described in a patent application titled "CIRCUIT  
ARRANGEMENT FOR PRECHARGING AN INTERMEDIATE CIRCUIT CAPACITANCE OF A  
HIGH-VOLTAGE ON-BOARD NETWORK" the specification of which was filed with my authority  
as International Patent Application No. PCT/EP2017/075589 (Atty. File No. 022862-3129)  
(hereinafter the "PCT application"); and

(2) in and to the PCT application, in and to all other U.S. patent applications (including  
PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a),  
and reissue applications) based upon said inventions or claiming the benefit of the PCT  
application, 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.

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.

X 12.4.2019  
\_\_\_\_\_  
Date

X CHRYSANTHOS TZIVANPOULOS  
\_\_\_\_\_  
Chrysanthos Tzivanopoulos

X 23.4.2019  
\_\_\_\_\_  
Date

X T. Kaiser  
\_\_\_\_\_  
Thomas Kaiser