

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| EMILIANO GUDINO CARRIZALES | 06/07/2019 |
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| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16342661 |
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| ATTORNEY DOCKET NUMBER: | 022862-3150-US01 |
| NAME OF SUBMITTER: | JAY EINERSON |
| SIGNATURE: | /jay einerson/ |
| DATE SIGNED: | 06/28/2019 |
| Total Attachments: 2 | |
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| source=26116823_Executed_Assignment_as_filed#page2.tif | |

R. 364435
WS

ASSIGNMENT

Pursuant to my 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, I:

Emiliano Gudino Carrizales
Im Sonnenhof 3
71638 Ludwigsburg
Germany

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and
assigns, my entire right, title and interest in the United States -

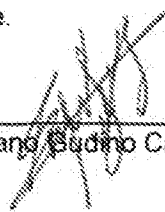
(1) in and to inventions described in a patent application titled "DC-DC CONVERTER
AND METHOD FOR CONTROLLING A DC-DC CONVERTER" the specification of which was
filed with my authority as International Patent Application No. PCT/EP2017/073732 (Atty. File
No. 022862-3150) (hereinafter the "PCT application"); 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.

I hereby agree that I will, upon demand of Assignee, its successors or assigns, and
without further consideration to me, 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 me.

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

07.06.2019
Date


Emiliano Budino Carrizales