

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
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ANDREAS LEMKE	08/09/2016
RALF PISCOL	10/04/2016
RALF LINK	10/14/2016
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14902906
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NAME OF SUBMITTER:	CHARLES B. PHILLIPS

SIGNATURE:	/Charles B. Phillips/
DATE SIGNED:	11/02/2016
Total Attachments: 6 source=R345090_2178-1489_Assignment_signed#page1.tif source=R345090_2178-1489_Assignment_signed#page2.tif source=R345090_2178-1489_Assignment_signed#page3.tif source=R345090_2178-1489_Assignment_signed#page4.tif source=R345090_2178-1489_Assignment_signed#page5.tif source=R345090_2178-1489_Assignment_signed#page6.tif	

ASSIGNMENT

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

Stefan Trinkert
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*06.08.16
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*04.10.16
Ralf Pischol*

Ralf Link
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confirm our obligation to and hereby sell, assign, and convey our 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
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(hereinafter referred to jointly as "Assignees"), their successors and assigns, except as set forth
below -

(1) in and to an invention entitled "Method for Battery Management and Battery Management System" for which we have executed a United States patent application, said United States application being assigned U.S. Serial No. 14/902,906 and which is disclosed in Patent Cooperation Treaty Application No. PCT/EP2014/064068, filed on July 2, 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 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

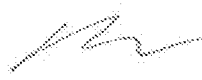
(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, including patent applications filed under the Patent Cooperation Treaty, the European Patent Convention or any other international treaty, and including the right to claim 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.

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.

 Date X 15.08.2016
Stefan Trinkert

A. Lemke X Date X 08.08.16
Andreas Lemke

Ralf Pisch x Date X 04.10.16
Ralf Pischol



X Date X

11.12.2016

Ralf Link