

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andre Boehm</td> <td>08/02/2013</td> </tr> <tr> <td>Christoph Brochhaus</td> <td>07/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Andre Boehm	08/02/2013	Christoph Brochhaus	07/15/2013				
Name	Execution Date										
Andre Boehm	08/02/2013										
Christoph Brochhaus	07/15/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Robert Bosch GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Postfach 30 02 20</td> </tr> <tr> <td>City:</td> <td>Stuttgart</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>70442</td> </tr> </table>		Name:	Robert Bosch GmbH	Street Address:	Postfach 30 02 20	City:	Stuttgart	State/Country:	GERMANY	Postal Code:	70442
Name:	Robert Bosch GmbH										
Street Address:	Postfach 30 02 20										
City:	Stuttgart										
State/Country:	GERMANY										
Postal Code:	70442										
<table border="1"> <tr> <td>Name:</td> <td>Samsung SDI Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>428-5 Gongse-dong, Giheung-gu</td> </tr> <tr> <td>City:</td> <td>Yongin-si, Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>446-577</td> </tr> </table>		Name:	Samsung SDI Co., Ltd.	Street Address:	428-5 Gongse-dong, Giheung-gu	City:	Yongin-si, Gyeonggi-do	State/Country:	KOREA, REPUBLIC OF	Postal Code:	446-577
Name:	Samsung SDI Co., Ltd.										
Street Address:	428-5 Gongse-dong, Giheung-gu										
City:	Yongin-si, Gyeonggi-do										
State/Country:	KOREA, REPUBLIC OF										
Postal Code:	446-577										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13992733</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13992733						
Property Type	Number										
Application Number:	13992733										
CORRESPONDENCE DATA											
Fax Number:	3176382139										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(317)638-2922										
Email:	docketing@maginot.com										
Correspondent Name:	Maginot, Moore & Beck LLP										
Address Line 1:	One Indiana Square, Suite 2200										
Address Line 4:	Indianapolis, INDIANA 46204										
ATTORNEY DOCKET NUMBER:	2178-0781										
PATENT											

NAME OF SUBMITTER:	Paul J. Maginot
Signature:	/Paul J. Maginot/
Date:	09/03/2013
Total Attachments: 4 source=R333157_2178-0781_Assignment#page1.tif source=R333157_2178-0781_Assignment#page2.tif source=R333157_2178-0781_Assignment#page3.tif source=R333157_2178-0781_Assignment#page4.tif	

ASSIGNMENT

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

Andre Boehm
Ludwigsburger Str. 24
70806 Kornwestheim
Germany

Christoph Brochhaus
Rathausstrasse 24a
52072 Aachen
Germany

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
446-577
Republic of Korea

(hereinafter referred to jointly as "Assignees"), their successors and assigns, except as set forth below -

(1) in and to an invention entitled "Method for Ascertaining Operating Parameters of a Battery, Battery Management System, and Battery" for which we have executed a United States patent application, said United States application being assigned U.S. Serial No. 13/992,733 and which is disclosed in Patent Cooperation Treaty Application No. PCT/EP2011/067948, filed on October 14, 2011;

(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.

Christoph Brochhaus
Christoph Brochhaus

Date 15-july-2013