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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Axel Kuhnle	05/02/2012
Matthias Tauber	05/03/2012
Juergen Bochert	05/03/2012
Carsten Diem	05/02/2012
Willy Braun	05/02/2012
Christian Wiedemann	05/03/2012
Joerg Kaiser	05/02/2012
Patrick Heinen	05/02/2012
Roger Hahn	05/03/2012
Thomas Speda	05/03/2012

RECEIVING PARTY DATA

Name:	Robert Bosch GmbH
Street Address:	Postfach 30 02 20
City:	Stuttgart
State/Country:	GERMANY
Postal Code:	70442

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13515652

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Maginot, Moore & Beck LLP

PATENT

Address Line 1: 111 Monument Circle, Suite 3250 Address Line 4: Indianapolis, INDIANA 46204 ATTORNEY DOCKET NUMBER: 2178-0106 NAME OF SUBMITTER: Paul J. Maginot Total Attachments: 13 source=R330949_2178-0106_Assignment#page1.tif source=R330949_2178-0106_Assignment#page2.tif source=R330949_2178-0106_Assignment#page3.tif source=R330949_2178-0106_Assignment#page4.tif source=R330949_2178-0106_Assignment#page5.tif source=R330949_2178-0106_Assignment#page6.tif source=R330949_2178-0106_Assignment#page7.tif source=R330949_2178-0106_Assignment#page8.tif source=R330949_2178-0106_Assignment#page9.tif source=R330949_2178-0106_Assignment#page10.tif source=R330949_2178-0106_Assignment#page11.tif source=R330949_2178-0106_Assignment#page12.tif source=R330949_2178-0106_Assignment#page13.tif

ASSIGNMENT

Pursuant to our obligation to Robert Bosch GmbH (hereinafter referred to as

"Assignee"), a German corporation having a mailing address at:

Postfach 30 02 20 70442 Stuttgart GERMANY

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

we:

Axel Kuhnle Vogelsangstr. 38 71691 Freiberg A. N. Germany

Matthias Tauber

Amselweg-16 Creffer weg 4

-73087-Boll-Eckwaelden-73087-8ad Boll-Germany

Juergen Bochert Doggerstr. 13 70565 Stuttgart Germany

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Roger Hahn Theodor-Gugel-Str. 11 73765 Neuhausen Germany

Thomas Speda Dietrich-Bonhoeffer-Weg 4 71088 Holzgerlingen Germany

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, except as set forth below, our entire right, title and interest -

- (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.

Avel Kuhnle Date 2.5.2012

Matthias Tauber

Date

| Date | Discording |

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Carsten Diem

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Da

Willy Braun

Christian Wiedemann

Lett Date X 07.05.2012

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Patrick Heinen

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Roger Hahn

PATENT

Thomas Speda Date 03-05-20-12

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