502638695 01/16/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2685303

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WOLFGANG HUSCHENHOEFER	09/02/2013
GEORG KETTELER	09/04/2013
ROLAND RAAB	08/19/2013
VINCENT DUPUIS	12/05/2013
OLIVIER BUGADA	09/12/2013
HAGEN KUCKERT	09/02/2013
ANDREAS MAYER	09/04/2013

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:	13712560

CORRESPONDENCE DATA

Fax Number: (317)638-2139 Phone: (317)638-2922

Email: docketing@maginot.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: MAGINOT, MOORE & BECK LLP
Address Line 1: ONE INDIANA SQUARE, SUITE 2200
Address Line 4: INDIANAPOLIS, INDIANA 46204

ATTORNEY DOCKET NUMBER: 2178-0596

PATENT REEL: 031984 FRAME: 0849

502638695

NAME OF SUBMITTER:	PAUL J. MAGINOT
Signature:	/Paul J. Maginot/
Date:	01/16/2014
Total Attachments: 9 source=R340978_2178-0596_Assignment#page1.tif source=R340978_2178-0596_Assignment#page2.tif source=R340978_2178-0596_Assignment#page3.tif source=R340978_2178-0596_Assignment#page4.tif source=R340978_2178-0596_Assignment#page5.tif source=R340978_2178-0596_Assignment#page6.tif source=R340978_2178-0596_Assignment#page7.tif source=R340978_2178-0596_Assignment#page8.tif source=R340978_2178-0596_Assignment#page8.tif source=R340978_2178-0596_Assignment#page9.tif	

PATENT REEL: 031984 FRAME: 0850

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:

Wolfgang Huschenhoefer Gleisenbach 8 35614 Asslar Germany

Georg Ketteler Hinterlandstraße 52 35232 Dautphetal Germany

Roland Raab Sofienstrasse 17 69168 Wiesloch Germany

Vincent Dupuis

Plieningerstr: 44 23 o. (lei du Voucluse
70567-Stuttgart 31770 Colomiers

Germany. Vonce

Olivier Bugada Friedrichstr. 4/4 73760 Ostfildern-Kemnat Germany

Hagen Kuckert Ludwig-Richter-Weg 2 74321 Bietigheim-Bissingen Germany

Andreas Mayer
Sofienstr. 139 Sophies 10 439
76133 Karlsruhe 76135
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 -

(1) in and to an invention entitled "Brake Disk" for which we have executed a United

States patent application, said United States application being assigned U.S. Serial No.

13/712,560 filed on December 12, 2012 and which is disclosed in German Application No.

DE 10 2011 089 918.9, filed on December 27, 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.

Page 2 of 9

PATENT REEL: 031984 FRAME: 0852

Wolfgang Huschenhoefer

Date 01/08/2078

Georg Ketteler Date 04.05. 7013

<u> (Claw Meugs</u>

Date 19. August 2013

Roland Raah

Page 5 of 9

PATENT

REEL: 031984 FRAME: 0855

Date_

C 002 2013

Vincent Dupuis

Page 6 of 9

PATENT

REEL: 031984 FRAME: 0856

Date_

Olivier Bugada

Hagen Kuckert

Date 01/09/2073

REEL: 031984 FRAME: 0858

1.1.205 1/21 Date 04 05. 2013

Andreas Mayer