501839282 03/02/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ronny Ludwig	02/13/2012

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:	13410361

CORRESPONDENCE DATA

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via US Mail.

Correspondent Name: Michael Best & Friedrich LLP
Address Line 1: 100 East Wisconsin Avenue

Address Line 2: Suite 3300

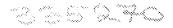
Address Line 4: Milwaukee, WISCONSIN 53202-4108

ATTORNEY DOCKET NUMBER:	022862-1459-US00
NAME OF SUBMITTER:	Jay Einerson

Total Attachments: 1

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PATENT REEL: 027794 FRAME: 0878 OP \$40.00 13410361



ASSIGNMENT

Pursuant to my obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"), a German corporation having its principal place of business at:

Postfach 30 02 20 70442 Stuttgart Germany

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

Ronny Ludwig Tannheimer Strasse 2 72768 Reutlingen 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 U.S. -

- (1) in and to inventions described in a patent application titled "SENSOR ARRANGEMENT" for which I filed United States Patent Application No. $\underline{13/410,361}$, (Atty. File No. 022862-1459-US00) (hereinafter the "U.S. utility patent application");
- (2) in and to the U.S. utility patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said inventions, 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 authorize the assignee or attorney of record to insert in the appropriate place in this document the application number of my application after execution of this Assignment. 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.

Date

Ronny Ludwig

PATENT REEL: 027794 FRAME: 0879

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RECORDED: 03/02/2012

13.02,2012