

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2800971

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	RONNY LUDWIG	01/13/2014
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Property Type	Number	
Application Number:	14349823	
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Total Attachments: 2		
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P. 337557

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 United States -

(1) in and to inventions described in a patent application titled SENSOR
ARRANGEMENT the specification of which was filed with my authority on August 7, 2012 as
International Patent Application No. PCT/EP2012/065418 (Atty. File No. 022862-1961-US00)
(hereinafter the "PCT application"); and

(2) in and to the PCT application, in and to all other U.S. patent applications (including
PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a),
and reissue applications) based upon said inventions or claiming the benefit of the PCT
application, 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 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.

13.01.2014
Date

Ronny Ludwig
Ronny Ludwig