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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hubertus Karcher	11/08/2012

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:	13812030

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	022862-1664-US00
NAME OF SUBMITTER:	Jay Einerson

Total Attachments: 2

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PATENT REEL: 029687 FRAME: 0645 OF \$40.00 15812050

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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:

Hubertus Karcher Praelat-Brommer-Str. 10 77815 Buehl 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 WIPER CONTROL the specification of which was filed with my authority on July 28, 2011 as International Patent Application No. PCT/EP2011/063019 (Atty. File No. 022862-1664-US00) (hereinafter the "PCT application");
- (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 invention 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.

PATENT REEL: 029687 FRAME: 0646 And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

18.11.2012

Date

-lubertus Karcher

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PATENT REEL: 029687 FRAME: 0647

RECORDED: 01/24/2013