

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Fricker</td> <td>01/14/2013</td> </tr> <tr> <td>Alexander Reiss</td> <td>01/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	David Fricker	01/14/2013	Alexander Reiss	01/15/2013
Name	Execution Date						
David Fricker	01/14/2013						
Alexander Reiss	01/15/2013						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13811406</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13811406		
Property Type	Number						
Application Number:	13811406						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	022862-1715-US00						
NAME OF SUBMITTER:	Jay Einerson						
Signature:	/jay einerson/						
Date:	04/03/2013						
Total Attachments: 2							
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OP \$40.00 13811406

ASSIGNMENT

Pursuant to our 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,

we:

David Fricker
22b, Rue Du Cimetiere
67240 Oberhoffen Sur Moder
France

Alexander Reiss
~~Rue Des Grands Chezeaux 23a~~
~~67160 Selmbach~~ 67470 Schaffhouse près Seltz
France

4.01.13 A.R.
15.01.13 A.R.

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest in the United States -

(1) in and to inventions described in a patent application titled METHOD AND DEVICE FOR THE SENSOR-FREE POSITION DETERMINATION OF AN ELECTRONICALLY COMMUTATED ELECTRIC MACHINE the specification of which was filed with my authority on July 18, 2011 as International Patent Application No. PCT/EP2011/062190 (Atty. File No. 022862-1715-US00) (hereinafter the "PCT application");

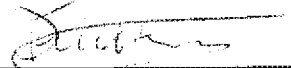
(2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention or claiming the benefit of the PCT application, and in and to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

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.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

14.04.2013
Date



David Fricker

15.04.2013
Date



Alexander Reiss