

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MR. MICHAEL SCHAEFER	04/02/2015
MR. RALF NEISE	04/07/2015
MR. MARC-ANTON MUENICH	04/02/2015
MR. MICHAEL GLAESSER	04/02/2015
MR. LARS HEINEMANN	04/02/2015
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	41460
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14441180
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(000)000-0000
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Email:</b>	mail@thot-patent.de
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<b>ATTORNEY DOCKET NUMBER:</b>	TS/PIE 1501 US-PAT
<b>NAME OF SUBMITTER:</b>	NORMAN B. THOT
<b>SIGNATURE:</b>	/Norman B. Thot/
<b>DATE SIGNED:</b>	05/07/2015
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

I, Michael Schaefer, a citizen of Germany, residing at Linumhorster Strasse 10, 16766 Kremmen; GERMANY;

I, Ralf Neise, a citizen of Germany, residing at Max-Steinke-Strasse 32, 13086 Brelin; GERMANY;

I, Marc-Anton Muenich, a citizen of Germany, residing at Ahornweg 27, 14476 Potsdam; GERMANY;

I, Michael Glaesser, a citizen of Germany, residing at Glashuetterweg 38b, 12355 Berlin; GERMANY; and

I, Lars Heinemann, a citizen of Germany, residing at Wankstrasse 10, 12107 Berlin; GERMANY;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

**PIERBURG GMBH**

a Corporation organized under the laws of Germany, located at Alfred-Pierburg-Strasse 1, 41460 Neuss, GERMANY (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, in and for the United States of America only in and to my Invention entitled:

**FLAP DEVICE FOR AN INTERNAL COMBUSTION ENGINE OR AN ELECTRIC  
VEHICLE**

invented by me and described in PCT/EP2013/068158, filed September 3, 2013 in the PCT, including but not limited to the right to claim priority, and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

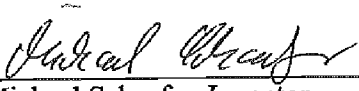
And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.


I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be

presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 2.4.2015

  
Michael Schaefer, Inventor

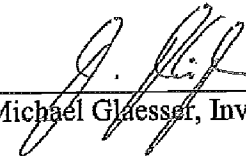
Dated: 07.04.2015

  
Ralf Neise, Inventor

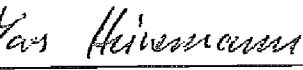
Dated: 2.4.2015

  
Marc-Anton Muenich, Inventor

Dated: 02.04.2015

  
Michael Glaesser, Inventor

Dated: 02.04.2015

  
Lars Heinemann, Inventor