

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Mr. Hans-Ulrich Kuehnel	01/05/2011
Mr. Dieter Jelinek	01/05/2011
Mr. Michael Sanders	01/06/2011
Mr. Dieter Thoennesen	12/09/2010

**RECEIVING PARTY DATA**

Name:	Pierburg GmbH
Street Address:	Alfred-Pierburg-Str. 1
City:	Neuss
State/Country:	GERMANY
Postal Code:	41460

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13056981

**CORRESPONDENCE DATA**

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*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: +49 2102 168928-0  
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ATTORNEY DOCKET NUMBER:	TS/PIE 1015 US-PAT
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NAME OF SUBMITTER:	Norman B. Thot
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Total Attachments: 6  
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**PATENT**  
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Docket No. TS/PIE 1015 US-PAT

## ASSIGNMENT

I, Hans-Ulrich Kuehnel, a citizen of Germany, residing at Kranichstr. 5, 41239 Moenchengladbach; GERMANY;

I, Dieter Jelinek, a citizen of Germany, residing at Holbeinstr. 2, 41564 Kaarst; GERMANY;

I, Michael Sanders, a citizen of Germany, residing at An der Linde 23, 41564 Kaarst; GERMANY; and

I, Dieter Thoennessen, a citizen of Germany, residing at Ackerstr. 29, 41751 Viersen; 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 Limited Liability Company organized under the laws of Germany, located at Alfred-Pierburg-Str. 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:

## HEAT TRANSFER UNIT FOR AN INTERNAL COMBUSTION ENGINE

invented by me and described in International Application No. PCT/EP2009/056135, filed May 20, 2009 in the PCT, 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.

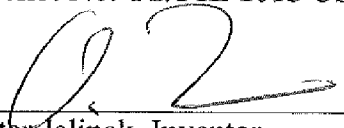
I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 05.02.2011

  
Hans-Ulrich Kuehnel, Inventor

Docket No. TS/PIE 1015 US-PAT

Dated: 5.1.2011

  
\_\_\_\_\_  
Dieter Jelinek, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Michael Sanders, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Dieter Thoennessen, Inventor

Docket No. TS/PIE 1015 US-PAT

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I, Dieter Thoennessen, a citizen of Germany, residing at Ackerstr. 29, 41751 Viersen; GERMANY;

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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: \_\_\_\_\_

\_\_\_\_\_  
Hans-Ulrich Kuehnel, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Dieter Jelinek, Inventor

Dated: 06.01.2011

*M. Sanders*  
\_\_\_\_\_  
Michael Sanders, Inventor

Dated: 09.12.2010

*D. Thoennessen*  
\_\_\_\_\_  
Dieter Thoennessen, Inventor