505027039 07/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5073789 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ULF KLEIN	02/11/2015
GERALD LEYH	03/13/2015
MEIKE WITTROCK	03/25/2015

RECEIVING PARTY DATA

Name:	DEUTZ AKTIENGESELLSCHAFT
Street Address:	OTTOSTRASSE 1
City:	KOELN
State/Country:	GERMANY
Postal Code:	51149

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15425437

CORRESPONDENCE DATA

Fax Number: (212)736-2427

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.

Email: ssteiner@ddkpatent.com

Correspondent Name: DAVIDSON DAVIDSON & KAPPEL LLC

Address Line 1: 589 AVE. 16TH FLOOR

Address Line 4: NEW YORK, NEW YORK 10018

ATTORNEY DOCKET NUMBER: 5041.1034CON WILLIAM C. GEHRIS, REG. NO. 38156 NAME OF SUBMITTER: **SIGNATURE:** /williamcgehris/ **DATE SIGNED:** 07/30/2018

Total Attachments: 3

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> **PATENT** REEL: 046503 FRAME: 0442 505027039

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention: 18	ALEKNAL COMBUSTION ENGINE	
the attached applicat the application ident	ation are directed to (check one): tion; dified by the attorney docket no. and title of invention eation or PCT International Application No.	
	<u>ASSIGNMENT</u>	
	ideration, the receipt and sufficiency of which are hand assigned, and hereby sell and assign, to:	nereby acknowledged, as a below-
Name of Assignee: DEUT2	Z AKTIENGESELLSCHAFT	
Address of Assignee: Otto	ostrasse 1, 51149 Köln, Germany	
patent application, including Patent of the United States to reissues or extensions therefore the term or terms for white utility models, and designs of the United States, together wrights derived from said United Convention for the Protection the country in which any sur ASSIGNEE, its successors, models, designs or other right without limitation, patents, to be held and enjoyed by sa any and all such patents, utilities.	I right, title, and interest in and to the above-identifing: (i) any and all divisions or continuations thereof that may issue on any such application or for said in of, to be held and enjoyed by said ASSIGNEE, its such any and all such Letters Patent may be granted; which may hereafter be filed for said invention in a with the right to file such applications and the right ited States application under the Patent Laws of the on of Industrial Property, or any other international chapplication is filed, as may be applicable, to be lower assigns to the full end of the term or terms for whits may be granted; and (iii) all forms of industrial utility models, inventors' certificates and designs we countries foreign to the United States and all extensaid ASSIGNEE, its successors, or assigns to the full lity models, designs or other rights may be granted.	f, and in and to any and all Letters invention, including any and all successors, or assigns to the full end (ii) all applications for patents, any country or countries foreign to to claim for the same the priority of United States, the International agreement or the domestic laws of held and enjoyed by said which any and all such patents, utility property protection, including, which may be granted for said assions, renewals and reissues thereof, lend of the term or terms for which is.
I hereby authorize and reque Letters Patent to said ASSIC	est the Director of the U.S. Patent and Trademark C GNEE, its successors, or assigns in accordance here	Office to issue any and all such ewith.
I warrant and covenant that not executed and will not ex	I have the right to sell and assign the interests here recute any document or instrument in conflict herev	in sold and assigned and that I have with.
assigns all information know deliver any papers, make all necessary or desirable by sa invention, to said application may be granted therefor or to or to assist said ASSIGNEE Letters Patent of the United	that I will communicate to said ASSIGNEE, its sum to me relating to said invention or patent applicate rightful oaths, testify in any legal proceedings, and id ASSIGNEE, its successors, legal representatives in including divisions and continuations thereof and thereon, including reissues or extensions, in said A. Its successors, legal representatives, or assigns in States and any and all patents, utility models, desi or of any country or countries foreign to the Unite	ation and that I will execute and d perform all other lawful acts s, or assigns to perfect title to said d to any and all Letters Patent that SSIGNEE, its successors, or assigns, obtaining, reissuing, or enforcing igns or other rights that may be
	<u>DECLARATION</u>	
As a below-named inventor,	, I hereby declare that:	
The above-identified applica	ation was made or authorized to be made by me.	
I believe that I am the origin	nal inventor or an original joint inventor of a claime	ed invention in the application.
I hereby acknowledge that a § 1001 by fine or imprisonn	any willful false statement made in this declaration next of not more than five (5) years, or both.	is punishable under 18 U.S.C.

Page 1 of 1

Signature:

Inventor:

UICKEEIN

Attorney Docket No. 5041.1034

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

I HIGOI INVENTION: IN I ERCIVAL COMBUSTION ENVE	Title of Invention:	INTERNAL	COMBUSTION	ENGINE
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This assignment and declaration are directed to (check one): the attached application;
the antiched application, the application identified by the attorney docket no. and title of invention given above; United States Application or PCT International Application No, filed
ASSIGNMENT
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and hereby sell and assign, to:
Name of Assignee: DEUTZ AKTIENGESELLSCHAFT
Address of Assignee: Ottostrasse 1, 51149 Köln, Germany
(hereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United States patent application, including: (i) any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States that may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted; and (iii) all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents, utility models, designs or other rights may be granted.
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.
I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing Letters Patent of the United States and any and all patents, utility models, designs or other rights that may be granted in the United States or of any country or countries foreign to the United States, for said invention.
<u>DECLARATION</u>
As a below-named inventor, I hereby declare that:
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.
Signature: 4444
Inventor: Geraki LEYH Date: 13.03.2045

PATENT REEL: 046503 FRAME: 0444

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

INTERNAL COMBUSTION ENGINE

Title of Invention:

Signature:

Inventor:

RECORDED: 07/30/2018

Meike WITTROCK

This assignment and declaration are directed to (check one): the attached application; the application identified by the attorney docket no. and title of invention given above; United States Application or PCT International Application No, filed,	
<u>ASSIGNMENT</u>	
For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as named inventor I have sold and assigned, and hereby sell and assign, to:	s a below-
Name of Assignee: DEUTZ AKTIENGESELLSCHAFT	
Address of Assignee: Ottostrasse 1, 51149 Köln, Germany	
(hereinafter ASSIGNEE) all right, title, and interest in and to the above-identified invention and United patent application, including: (i) any and all divisions or continuations thereof, and in and to any and a Patent of the United States that may issue on any such application or for said invention, including any a reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to of the term or terms for which any and all such Letters Patent may be granted; (ii) all applications for jutility models, and designs which may hereafter be filed for said invention in any country or countries the United States, together with the right to file such applications and the right to claim for the same the rights derived from said United States application under the Patent Laws of the United States, the InterConvention for the Protection of Industrial Property, or any other international agreement or the domes the country in which any such application is filed, as may be applicable, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such pamodels, designs or other rights may be granted; and (iii) all forms of industrial property protection, included without limitation, patents, utility models, inventors' certificates and designs which may be granted for invention in any country or countries foreign to the United States and all extensions, renewals and reise to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or term any and all such patents, utility models, designs or other rights may be granted.	all Letters and all the full end patents, foreign to e priority national stic laws of tents, utility huding, said sues thereof,
I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and al Letters Patent to said ASSIGNEE, its successors, or assigns in accordance herewith.	l such
I warrant and covenant that I have the right to sell and assign the interests herein sold and assigned and not executed and will not execute any document or instrument in conflict herewith.	that I have
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal represent assigns all information known to me relating to said invention or patent application and that I will exect deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect tit invention, to said application including divisions and continuations thereof and to any and all Letters Primary be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or of Letters Patent of the United States and any and all patents, utility models, designs or other rights that a granted in the United States or of any country or countries foreign to the United States, for said invention	ute and al acts le to said atent that i, or assigns, enforcing may be
DECLARATION	
As a below-named inventor, I hereby declare that:	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the applic	ation.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U § 1001 by fine or imprisonment of not more than five (5) years, or both.	I.S.C.

Page 1 of 1

Date: Mark 25