

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5830803

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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MICHAEL FRIEDRICH	12/19/2018
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Postal Code:	15827
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16689738
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DATE SIGNED:	11/20/2019
Total Attachments: 1	
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NONPROVISIONAL PATENT ASSIGNMENT**Assignee Reference No.** EM 80476 // RR398**Please return notice of recordation to:**

[Customer Number: 23486]

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For good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged by the undersigned, to wit:

INSERT	1	Dr. Sebastian SCHREWE	4	
INVENTOR	2	Michael FRIEDRICH	5	
NAME(S)	3			X box if continued on page 2

the undersigned hereby sell(s), assign(s) and transfer(s) unto and at the request of:

INSERT	Rolls-Royce Deutschland Ltd & Co KG	
ASSIGNEE(S)	Eschenweg 11	
NAME &	15827 Blankenfelde-Mahlow	
ADDRESS	GERMANY	

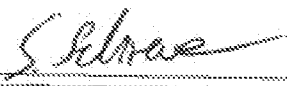
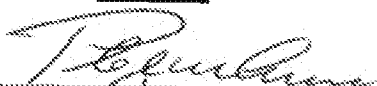
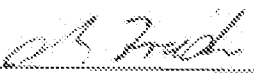

(hereinafter "ASSIGNEE"), the entire right, title and interest in the invention in the United States ("US"), its territorial possessions and all foreign countries, including all applications therefor, including any and all previously filed applications, and any and all future divisions, continuations, substitutes, reissues, renewals, foreign and PCT applications thereof (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from said applications), and any and all resulting patents, the invention known as:

INVENTION	
TITLE	Engine with valve device and test method

The undersigned hereby authorize(s) and request(s) patent office officials in the US, its territorial possessions and all foreign countries, to issue any and all said patents to ASSIGNEE (including its successors and assigns) for its sole use and benefit; the undersigned agree(s) that the attorney of record in said applications shall hereinafter act on behalf of ASSIGNEE (including its successors and assigns).

The undersigned hereby agree(s) to testify, make oaths, execute papers and assist in any manner ASSIGNEE (including its successors and assigns) and its representatives, as deemed necessary by ASSIGNEE (including its successors and assigns) for ASSIGNEE'S (including its successors and assigns) full protection and title in and to the invention in the US, its territorial possessions and all foreign countries.

The undersigned hereby authorize(s) Shuttleworth & Ingersoll, PLC of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR	DATE SIGNED	WITNESS
	14.12.18	
Name: Dr. Sebastian SCHREWE		Volker Hognstein
	14.12.18	
Name: Michael FRIEDRICH		Andre Strobach

PATENT**RECORDED: 11/20/2019****REEL: 051067 FRAME: 0862**