505947572 03/03/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5994292

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark SPRUCE	12/05/2019

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE plc	
Street Address:	et Address: Kings Place	
Internal Address:	nternal Address: 90 York Way	
City:	London	
State/Country:	Great Britain	
Postal Code:	N1 9FX	

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16807956		

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

Phone: 703-836-6400 Email: email@oliff.com Correspondent Name: JAMES A. OLIFF Address Line 1: OLIFF PLC

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	191006.30	
NAME OF SUBMITTER:	KEIVONA D. GRAY	
SIGNATURE:	/KeiVona D. Gray/	
DATE SIGNED:	03/03/2020	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 2

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> **PATENT** REEL: 051998 FRAME: 0144

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

(1-8)	8) Investor(s)		SPRUCE, Mark		
	In consideration of the sum of sufficiency of which are hereb	one dolla vy acknow	or (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and vledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to		
(9)	Insert Name of Assi	gnee	ROLLS-ROYCE plc		
(10)	Insert Address of A	ssignee	Kings Place, 90 York Way, London N1 9FX, GB		
	for the United States of America as defin provisional, non-provisional, divisional,) and Assignce's heirs, successors, assigns and legal representatives, the entire right, title and interest ined in 35 U.S.C. § 100, in the invention, and in all applications for patent including any and all tenters in the international confirmation, substitute and reissue application(s), and all Letters ination certificates that may be granted on the invention known as		
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	High Power Epicyclic Gearbox and Operation Thereof Abstract		
			7304 MRH		
		(Atto	rney Docket No. 191006.30)		
(12)	Alternative Identification for	(12)	U.S. Application Number		
	filed applications	filed	March 3, 2020		
-	for the invention and as the Assignee may a 2) Each undersigned a be declared concerning every way possible in 3) Each undersigned a necessary in connection Industrial Property or 4) Each undersigned a confirm by reissue or 5) Each undersigned a other issuing authority as Assignee of the en assigned, and that he agrees that this assign representatives. 6) Each undersigned hidentification that may be described as the identification that the identification tha	also to deem no grees to ig any a contain grees to on with reexan uthorize ies to is tire into has not iment is ereby gybe ne	execute all papers necessary in connection with any interference which may application or patents for the invention and to cooperate with the Assignee in ing evidence and going forward with such interference. • execute all papers and documents and perform any act which may be claims or provisions of the International Convention for Protection of		

7304 MRH

PATENT REEL: 051998 FRAME: 0145

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Invent	tor					×
(Print	name)	SPRUCE	E, Mark		*V	
Date	<u>Sr</u>	Drewser	2019	Inventor Signature	M Gruo	(SEAL)
Cons					a Notary Public if within the U.S I before at least two witnesses wh	
Date	<u>5th</u>	DEZEMBER	2019	Witness	Adili	
Date	~ th	Decembo	~ 70 i 9	Witness	1 2	

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