503958635 08/12/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
John R WEBSTER	06/11/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15235832

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ATTORNEY DOCKET NUMBER:	172632
NAME OF SUBMITTER:	RYAN GUNNING
SIGNATURE:	/Ryan Gunning/
DATE SIGNED:	08/12/2016

Total Attachments: 2

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PATENT 503958635 REEL: 039421 FRAME: 0831

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

ASSIGNMENT

Insert Legal Name(s) of

(1-8)	Inventor(s)	· g · m· •	WEBSTER, John R	
			or (\$1.00) and other good and valuable consideration paid to each of the imdersigned, the receipt vledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to	t and
(9)	Insert Name of Assi	gnee	ROLLS-ROYCE pic	
(10)	(0) Insert Address of Assignee		62 Buckingham Gate, London, SW1E 6AT, Great Britain	
(11)	for the United States of Ameri provisional, non-provisional, a Patent, extensions, reissues an Insert Identification	ica as defi divisional) and Assignce's heirs, successors, assigns and legal representatives, the entire right, title and intined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all l, continuation, international, confirmation, substitute and reissue application(s), and all Letters ination certificates that may be granted on the invention known as Gear Trains	eres:
suel Nur App	such as Title, Case Number, or Foreign		5928 I.MT	
	Application Number	(Attor	rney Docket No. 172632)
(12)	Alternative	(12)	U.S. Application Number 15/235,832	
	Identification for			*******
	filed applications	filed	August 12, 2016	

- Each undersigned agrees to execute all papers necessary in connection with any application and/or patent
 for the invention and also to execute separate assignments in connection with such applications and patents
 as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or patents for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office and other issuing authorities to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of Oliff plc the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENT REEL: 039421 FRAME: 0832

(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 patentiability as defined in 37 CPR §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 (S) years, or both.

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

13

Inventor JOHN R WEB	
(Print usme)	240.000
Date 11# 50HG 2016	Invenior Signature <u>ILL VIJ</u> (SEAL)
This assignment should preferably be Consul if outside the U.S.A. If neither, then	e signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. in it should be signed before at least two witnesses who also sign here:
mn 11957 - 2016	Witness August 19 August 1
Wa x mana	111.

Witness