503827973 05/16/2016

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	03/14/2016

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE PLC
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City:	LONDON
State/Country:	GREAT BRITAIN
Postal Code:	SW1E 6AT

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15155700

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	171188
NAME OF SUBMITTER:	ANNALYNN H. STEIN
SIGNATURE: /Annalynn H. Stein/ for James A. Oliff	
DATE SIGNED:	05/16/2016

Total Attachments: 2

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> **PATENT** REEL: 038606 FRAME: 0290 503827973

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

ASSIGNMENT

Income I agol Nama(a) of

(1-8)	Inventor(s)	<i>)</i> 01	WEBSTER, John R	
			ar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt are vledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to	ıd
(9)	Insert Name of Assignee		ROLLS-ROYCE plc	
(10)	Insert Address of As	signee	62 Buckingham Gate, London, SW1E 6AT, Great Britain	
	for the United States of Ameri	ca as def	and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interestined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all continuation, international, confirmation, substitute and reissue application(s), and all Letters	st
(11)	Patent, extensions, reissues an Insert Identification		ination certificates that may be granted on the invention known as Gears, Gear Arrangements and Gas Turbine Engines	
(11)	Patent, extensions, reissues an	d reexam	ination certificates that may be granted on the invention known as	
(11)	Insert Identification such as Title, Case	d reexam	Gears, Gear Arrangements and Gas Turbine Engines	
(11) (12)	Insert Identification such as Title, Case Number, or Foreign Application	d reexam	Gears, Gear Arrangements and Gas Turbine Engines 5850 LMT)
	Insert Identification such as Title, Case Number, or Foreign Application Number	(11) (Atto:	Gears, Gear Arrangements and Gas Turbine Engines 5850 LMT rney Docket No.)

- 1) 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: 038606 FRAME: 0291

(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	or WEBSTEL, John	R	
(Print	name)		
Date	14 MARCH 2016	Inventor Signature	JWelle (SEAL)
if outs	This assignment should preferably be side the U.S.A. If neither, then it should	signed before: (a) a be signed before a	Notary Public if within the U.S.A. (b) a U.S. Consult least two witnesses who also sign here:
Date	14 MinRCH 2016	Witness	<u> </u>
Date	14 MARCH 2016	Witness	\$-2-2