506330144 10/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6376895

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Fernando L TEJERO EMBUENA	12/13/2019
David G MACMANUS	12/13/2019
Christopher TJ SHEAF	09/12/2020

RECEIVING PARTY DATA

Name:	ne: Rolls-Royce PLC	
Street Address: Kings Place, 90 York Way		
City:	London	
State/Country:	Great Britian	
Postal Code:	N1 9FX	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17084821

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 AARON L. WEBB **Correspondent Name:**

Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	194154
NAME OF SUBMITTER:	TATIANA S. TATE
SIGNATURE:	/Tatiana S. Tate/
DATE SIGNED:	10/30/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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> **PATENT REEL: 054257 FRAME: 0958** 506330144



PATENT REEL: 054257 FRAME: 0959

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

ASSIGNMENT

	T / T I NT / N	· · · ·	TEJERO EMBUENA, Fernando L	
(1-8)	Insert Legal Name(s) Inventor(s)	01	MACMANUS, David G	
	inventor(s)		SHEAF, Christopher T J	
			r ($\$1.00$) and other good and valuable consideration paid to each of the undersigned, the receipt and ledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to	l
(9)	Insert Name of Assig	nee	ROLLS-ROYCE plc	
(10)	Insert Address of As	signee	Kings Place, 90 York Way, London N1 9FX, GB	
(11)	for the United States of Americ provisional, non-provisional, d	ca as defin ivisional,	and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest ned 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 nation certificates that may be granted on the invention known as Nacelle for a Gas Turbine Engine	•
	Number, or Foreign	-	7287 CSM	
	Application Number	(Attor	mey Docket No.)
(12)	Alternative	(12)	U.S. Application Number 17/084,821	
	Identification for filed applications	filed	October 30, 2020	
			execute all papers necessary in connection with any application and/or patent 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 Assignee's agent 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.

7287 CSM

(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.

Inver	itor:		
(Prin	t name) MACMANUS, Dav	id G	\sim $\sim 111 M_{\odot}$
Date	13 December 2019	Inventor Signature	David Wac Warus (SEAL)
Сов			a) a Notary Public if within the U.S.A. (b) a U.S. ed before at least two witnesses who also sign here:
Date	13 DEC 2019	Witness	Qui
Date	13 Derembar 2019	Witness	Thomas and

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

ASSIGNMENT

			TEJERO EMBUENA, Fernando L	
(1-8)	Insert Legal Name(s)	s) of	MACMANUS, David G	
	Inventor(s)		SHEAF, Christopher T J	
			ur (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt are reledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to	nd
(9)	Insert Name of Assig	gnee	ROLLS-ROYCE plc	
(10)	Insert Address of As	ssignee	Kings Place, 90 York Way, London N1 9FX, GB	
(11)	for the United States of Ameri provisional, non-provisional, of Patent, extensions, reissues an Insert Identification	ica as def divisional	and Assignce's heirs, successors, assigns and legal representatives, the entire right, title and intere- ined 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 ination certificates that may be granted on the invention known as Nacelle for a Gas Turbine Engine	st
	such as Title, Case Number, or Foreign		7287 CSM	
	Application Number	(Atto	rney Docket No.)
(12)	Alternative	(12)	U.S. Application Number	
	Identification for			
	filed applications	filed		
				_

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

Invento	or					
(Print	name)	SHEA	F, Christoph	er T J	. 0	
Date	12	SEPT.	2020	Inventor Signature	C. Verf	(SEAL)
Consu		_		=	Notary Public if within the U.S.A. (b) a U before at least two witnesses who also sign	
Date	12th	Sept	2020	Witness	Murd	
Date	12TH	SEP	2020	Witness	Horley-Docks	

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

ASSIGNMENT

	T (T 137 (TEJERO EMBUENA, Fernando L	
(1-8)	Insert Legal Name(s Inventor(s)) of	MACMANUS, David G	
	inventor(s)		SHEAF, Christopher T J	
			or $(\$1.00)$ and other good and valuable consideration paid to each of the undersigned, the receipt a reledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to	ınd
(9)	Insert Name of Assig	gnee	ROLLS-ROYCE plc	
(10)	Insert Address of As	ssignee	Kings Place, 90 York Way, London N1 9FX, GB	
(11)	for the United States of Ameri provisional, non-provisional, of Patent, extensions, reissues an Insert Identification	ca as defi livisional	and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interned 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 ination certificates that may be granted on the invention known as Nacelle for a Gas Turbine Engine	est
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In witness whereof, executed by the undersigned on the date opposite the undersigned name.

Invent	or			
(Print	name) TEJERO EMBUE	NA, Fernando L	a	
Date	13 December 2019	Inventor Signature	<u> FB</u>	(SEAL)
Cons	This assignment should preferablul if outside the U.S.A. If neither, t			
Date	13 December 2019	Witness	BOT SCHEENER	
		•	ROBERT CHROTIE	
Date	13 December 2019	Witness	Talent Garis	Tica

7287 CSM