505278043 01/15/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
STUART BENJAMIN O'BRIEN	05/16/2017

RECEIVING PARTY DATA

Name:	ROLLS-ROYCE PLC	
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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15963128		

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ATTORNEY DOCKET NUMBER:	57502-289712	
NAME OF SUBMITTER:	SAMUEL C. GIESTING	
SIGNATURE:	/SCG/	
DATE SIGNED:	01/15/2019	

Total Attachments: 2

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PATENT 505278043 REEL: 048001 FRAME: 0476

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)	Insert Legal Name(s Inventor(s)) of	O'BRIEN, Stuart Benjamin May 16th 2017	
			r (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt a rledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to	nd
(9)	Insert Name of Assignee		ROLLS-ROYCE plc	
(10)	Insert Address of Assignee		62 Buckingham Gate, London, SW1E 6AT, Great Britain	
(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 intended 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 ALM Base Plate, System and Method	cst
	such as Title, Case Number, or Foreign		6387 PDG	
	Application Number (Attor		rney Docket No.)
(12)	Alternative Identification for	(12)	U.S. Application Number	
	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.
- 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 Assignce 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.

PATENT REEL: 048001 FRAME: 0477

(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			80000' -	
(Print	name)	O'BRIEN, Stuart Be	njamin	May 16th 2017	
Date	May	16th 2017	Inventor Signatus	re LAMBIN	(SEAL)
Cons				(a) a Notary Public if within the U.S.A. (b) a need before at least two witnesses who also sign	
Date	May 16	m 2017.	Witness	R. Mell	
Date	May 1	6th 2017	Witness	16 chapted	

PATENT REEL: 048001 FRAME: 0478