

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ROLLS-ROYCE PLC	09/11/2018
RECEIVING PARTY DATA		
Name:	ROLLS-ROYCE DEUTSCHLAND LTD & CO KG	
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State/Country:	GERMANY	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14866113
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DATE SIGNED:	09/12/2018	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, ROLLS-ROYCE PLC, a company established under the laws of Great Britain, whose address is 62 BUCKINGHAM GATE LONDON, GREAT BRITAIN SW1E 6AT (hereinafter called "Assignor"), is an owner of the following Letters Patent(s) and/or patent application(s) (hereinafter called "Patent Properties"), which ownership, to the extent recorded in the United States Patent and Trademark Office, is evidenced at the Reel and Frame(s) indicated below:

<u>Application or Patent Number and Date of Filing or Issue</u>	<u>Named Inventors</u>	<u>Reel and Frame</u>
14/866,113	GIDEON DANIEL VENTER	036661 / 0082
09/25/2015	MICHAEL JOHN MOUNTNEY	

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, ROLLS-ROYCE DEUTSCHLAND LTD & CO KG, a company established under the laws of Germany whose address is ESCHENWEG 11, OT, 15827 BLANKENFELDE-MAHLOW DAHLEWITZ, GERMANY (hereinafter called "Assignee"), is desirous of acquiring Assignor's entire right, title and interest for the entire world, including the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), including any and all provisional, non-provisional, divisional, continuation, ancestral (e.g., parent), international, foreign, design, confirmation, substitute and reissue application(s) or extensions of the same, as well as any and all applications claiming priority from such applications and any and all applications from which they claim priority.

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, Assignor's entire right, title and interest for the entire world, including the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any and all provisional, non-provisional, divisional, continuation, ancestral (e.g., parent), international, foreign, design, confirmation, substitute and reissue application(s) or extensions thereof, as well as any and all applications claiming priority from such applications and any and all applications from which they claim priority; the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

Assignor agrees that this assignment is binding on Assignor and its successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States (and the appropriate officer of any relevant foreign country to issue any Patent of such country), resulting from said Patent Properties and any confirmations, divisions, continuations, counterparts, reexaminations, reissues or extensions thereof, to Assignee.

Assignor agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning said Patent Properties (and/or patents that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

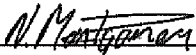
Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.


Assignor 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.


Assignor 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 Assignee.

Assignor grants the firm of OLIFF PLC of Alexandria, Virginia the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office (or other foreign patent office) for recordation of this document.

This Assignment is effective as of the 11th day of September, 2018.


Witness (NEIL MONTGOMERY)


Witness (DAVID WILLIAM MILLS)


Signature
Officer of Assignor

Nicholas Roberts
Typewritten Name of Officer

Chief of Patent Operations
Title of Officer