505237726 12/14/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joseph PALMER	03/20/2017

RECEIVING PARTY DATA

Name:	Rolls-Royce plc	
Street Address:	62 Buckingham Gate	
City:	London	
State/Country:	Great Britain	
Postal Code:	SW1E 6AT	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15915229

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:	183719
NAME OF SUBMITTER:	JOVITA RUDD
SIGNATURE:	/Jovita Rudd/
DATE SIGNED:	12/14/2018

Total Attachments: 2

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PATENT 505237726 REEL: 047779 FRAME: 0213

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	PALMER, Joseph	
			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	
(9)	Insert Name of Assignee		ROLLS-ROYCE plc	
(10)	10) Insert Address of Assignee		62 Buckingham Gate, London, SW1E 6AT, Great Britain	
(11)	for the United States of American provisional, non-provisional, d	ca as defi livisional,	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 An Electrical Machine	
	Number, or Foreign		6353 DEN	
	Application (Attorn		ney Docket No. 183719)	
(12)	Alternative	(12)	U.S. Application Number 15/915,229	
	Identification for filed applications	filed	March 8, 2018	

- 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 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.

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(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.

Invento	3r			
(Print	PALMER, Joseph			
Date	20/03 /2017	Inventor Signature	JOSEPH PALMER	(SEAL)
Consu			a Notary Public if within the U.S.A. (b) a U before at least two witnesses who also sign	
Date	20 Mach 2017	Witness	Dr AL CATISONNE	
Date	20 Merch 2017	Witness	payfield Do Rachel BUSTIE	LD

PATENT REEL: 047779 FRAME: 0215

RECORDED: 12/14/2018