Mail Stop: RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Assignment Recordation Services PATENTS ONLY Director of the U.S. Patent and Trademark Office 10/31/2012 P.O. Box 1450 Alexandria, VA 22313-1450 Attorney Docket No. 103651006 r tease record the attached original document or copy thereof, Name of conveying party: Name and address of receiving party: ROLLS-ROYCE PLC Dale Edward EVANS 65 BUCKINGHAM GATE, LONDON, SWIE 6AT, Additional name(s) of conveying party(ies) attached? GREAT BRITAIN ☐ Yes 🛛 No Additional name(s) & address(es) attached? Yes No Nature of conveyance: Merger \boxtimes Assignment Security Agreement Change of Name Execution Date: October 12, 2012 This document is being filed together with a new application. \boxtimes Patent Application No. 13658244 Patent No.(s) Additional numbers attached? ☐ Yes ☒ No Title of Application: A TURBOMACHINE CASING ASSEMBLY This Assignment is submitted for a dual purpose: (1) recording in the assignment database; and (2) for use in the above-identified application as the oath or declaration pursuant to 37 CFR 1.63(c). 6. Total number of applications and patents involved: $\underline{1}$ Name and address of party to whom correspondence concerning document should be mailed: Name: James A. Oliff Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00. OLIFF & BERRIDGE, PLC Address: P.O. Box 320850 Alexandria, VA 22320-4850 Credit any overpayment or charge any underpayment to deposit account number 15-0461. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 88998889 150461

James A. Oliff, Registration No. 27,075 Justin T. Lingard, Registration No. 61,276

Total number of pages including cover sheet, attachments, and document: 3

13608244

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

ASSIGNMENT

	Insert	(1)	Dale Edward EVANS	(2)		
(1-8) (9) (10)	Legal Name(9)	(3)		(4)		
	of Inventor(s)	(5)		(6)		
		(7)	•	(8)		
	Insert Name of Assignee Insert Address of Assignee	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to				
		(9)	ROLLS-ROYCE PLC			
		(10)	65 Buckingham Gate, London,	WIE 6AT, Great Britain		
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. \$100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as				
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11) A Turbomachine Casing Assembly				
		(Attorney 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.

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 & BERRIDGE, 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.

(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(s) opposite the undersigned name(s). DE Evans Pale & Evans. 12 October 2012 (SEAL) (SEAL) Inventor Signature Date (SEAL) Date (SEAL) Date Date Inventor Signature Inventor Signature Date Inventor Signature Date This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here: 12 OCTOBER 2012 12 OCTOBER 2012 Witness Witness Date Witness Date Witness Date

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Witness

Date