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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name	Execution Date		
PAWEL B CHMYLKOW	SKI		08/12/2016		
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State/Country:	GREAT	GREAT BRITAIN			
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PROPERTY NUMBERS	5 Total: 1				
Property Type		Number			
Application Number:		15271809			
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ATTORNEY DOCKET N	UMBER:	173181			
NAME OF SUBMITTER:		DARYL COPELAND	DARYL COPELAND		
SIGNATURE:		/Daryl Copeland/	/Daryl Copeland/		
DATE SIGNED:		09/21/2016	09/21/2016		
		This document serves as an (Dath/Declaration (37 CFR 1.63).		
otal Attachments: 2					
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ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

Francis Frank Stomato) - 8

(1-8)	Inventor(s)	/ 52	<u>Chmylkowski</u> , Pawel B			
				consideration paid to each of the undersigned, sign, and hereby does assign, transfer and set o		
(9)	Insert Name of Assignce) Insert Address of Assignce		ROLLS-ROYCE plc			
(10)			62 Buckingham Gate, London, SWIE 6AT, Great Britain			
	for the United States of Ameri provisional, non-provisional, o	ca as defi livisional	ined in 35 U.S.C. §100, in the invention	gns and legal representatives, the entire right, t n, and in all applications for patent including a ion, substitute and relasue application(s), and i I on the invention known as	ny and all	
			A Geared Gas Turbine Engine			
(11)	Insert Identification	(11)	A Geared Gas Turbine Engin	e		
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	A Geared Gas Turbine Engin 5944 TAL	e		
(11)	such as Title, Case			e 173181	}	
(11)	such as Title, Case Number, or Foreign Application	(Atto	5944 TAL)	
	such as Title, Case Number, or Foreign Application Number	(Atto	5944 TAL	173181)	

() Each undersigned agrees to execute an papers necessary in connection with any application and/or patents 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.

 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 ple 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: 039819 FRAME: 0344

(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.

Inventor

PAWEL B CHMYLKOWSKI

(Print nume)

12 AUGUST 2016 Date

Inventor Signature

(SEAL)

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:

Date 12" August 2016 Witness

Mucelle_

AUGUST 2016

Witness