# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4828060

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ANTONIOS KALOCHAIRETIS	02/20/2017
GABRIEL GONZALEZ-GUTIERREZ	02/20/2017

### **RECEIVING PARTY DATA**

Name:	ROLLS-ROYCE PLC
Street Address:	62 BUCKINGHAM GATE
City:	LONDON
State/Country:	GREAT BRITAIN
Postal Code:	SW1E6AT

## **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	15898305		

### **CORRESPONDENCE DATA**

Fax Number:

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.

**Phone:** (317) 459-2238

**Email:** usdocketing@rolls-royce.com

Correspondent Name: ROLLS-ROYCE PLC C/O ROLLS-ROYCE CORPORATION

Address Line 1: 450 S. MERIDIAN STREET Address Line 2: MAIL CODE MC-SB3-03

Address Line 4: INDIANAPOLIS, INDIANA 46225-1103

ATTORNEY DOCKET NUMBER:	6335 US
NAME OF SUBMITTER:	ALICIA GENTILE
SIGNATURE:	/Alicia Gentile/
DATE SIGNED:	02/16/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

### **Total Attachments: 4**

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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

Incart Land Namelel of

(1-8)	Inventor(s)	,	KALOCHAIRETIS, Antonios; GONZALEZ-GUTIERREZ, Gabriel		
			r (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt c ledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to	ınd	
(9)	Insert Name of Assi	gnee	ROLLS-ROYCE pic		
(10)	Insert Address of As	signee	62 Buckingham Gate, London, SW1E 6AT, Great Britain		
	for the United States of Ameri provisional, non-provisional, (	ca as defi tivisional	and Assignee's hours, successors, assigns and legal representatives, the entire right, title and inter- ned in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all commutation, international, confirmation, substitute and reissue application(s), and all Letters matter certificates that may be granted on the invention known as	rest	
(11)	Insert Identification such as Title, Case	(11)	Fan		
	Number, or Fereign		6335 SEV		
	Application Number	(Attor	ney Docket No.	)	
(12)	Alternative	(12)	U.S. Application Number		
	Identification for filed applications	filed			
	for the invention and as the Assignee may of 2). Each undersigned as	also to ( leem ne grees to	execute all papers necessary in connection with any application and/or pate execute separate assignments in connection with such applications and pater cessary. execute all papers necessary in connection with any interference which may application or patents for the invention and to cooperate with the Assignee in	ils Y	

- 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.

#### (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	r					
(Frint na	ame)	KALOCE	IAIRETIS	, Antonios	j. A minimum	
Date _	20th F	Lbruary	2017	inventor Signat	ture	(SEAL)
					e: (a) a Notary Public if within the Uigned before at least two witnesses v	
Date 3	20th Fe	bruary.	<u> </u>	Witness	TROM	
Date (	9.0 <sup>th</sup> Fe	bruaru	2017	Witness	11.00	

# 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	KALOCHAIRETIS, Antonios; GONZALEZ-GUTIERREZ, Gabriel		
			r (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt ar dedged, each undersigned agrees to assign, and hereby does assign, transfer and set over to	nd	
(9)	Insert Name of Assig	gnee	ROLLS-ROYCE plc		
(10)	for the United States of America as defin provisional, non-provisional, divisional,		62 Buckingham Gate, London, SWIE 6AT, Great Britain		
			and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and intere- 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 ination certificates that may be granted on the invention known as	st	
(11)	Insert Identification	(11)	Fan		
	such as Title, Case Number, or Foreign	,	6335 SEV		
	Application Number	(Attor	ney Docket No.	)	
(12)	Alternative	(12)	U.S. Application Number		
	Identification for		***************************************		
	filed applications	filed			
(12)	<ol> <li>filed applications filed</li> <li>Each undersigned agrees to execute all papers necessary in connection with any application and/or pater for the invention and also to execute separate assignments in connection with such applications and pater as the Assignee may deem necessary.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office are 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.</li> <li>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</li> </ol>				

### (13) Declaration

**RECORDED: 02/16/2018** 

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					
(Print nan	ne) G	ONZALEZ-GI	UTIERREZ, Gabrie	" about	
Date	<u> 20 - 71</u>	<u> </u>	Inventor Signature		(SEAL)
	·*·	•		) a Notary Public if within the U.S.A. Ed before at least two witnesses who a	
Date	20 Fe	b 2017	Winess	Jonehm Meyak	
Date	20 Fet	2017	Wikacea	Wkulkeni	