12/14/2015 503610620

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3657251

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Ralph HILL	12/10/2015	

RECEIVING PARTY DATA

Name:	Rolls-Royce Controls And Data Services Limited	
Street Address: P.O. Box 31, Moor Lane		
City:	Derby, Derbyshire	
State/Country:	State/Country: Great Britain	
Postal Code:	DE24 8BJ	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14968262

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400 Email: email@oliff.com Correspondent Name: JAMES A. OLIFF Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	168894	
NAME OF SUBMITTER:	INDIA WAGNER	
SIGNATURE:	/India Wagner/	
DATE SIGNED:	12/14/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

source=168894_DecAssign#page1.tif source=168894 DecAssign#page2.tif

> **PATENT REEL: 037285 FRAME: 0937** 503610620

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)	Ralph HILL	(2)			
(1-8)	Legal Name(s)	(3)		(4)			
	of Inventor(s)	(5)		(6)			
	•	(7)		(8)			
		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) Insert Name of Assignee		(9)	(9) ROLLS-ROYCE CONTROLS AND DATA SERVICES LIMITED				
(10)	Insert Address of Assignee	(10)	(10) P.O. Box 31, Moor Lane, Derby, Derbyshire DE24 8BJ, 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, 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		(11)	COMBUSTION STAGIN	NG SYSTEM			
	Number, or Foreign Application Number	(Attor	ney Docket No. 168894)	, filed on even date herewith or as		
(12)	Alternative	(12)	(12) U.S. Application Number 14/968, 262				
	Identification for filed applications	filed	December 1				

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 or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

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 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 or she has full right to convey the entire interest herein assigned, and that he or she 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 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).

Date	10/ Occumber / 2015	Inventor Signature	Kulph t	till	_ (SEAL)
Date		Inventor Signature			_ (SEAL)
Date		Inventor Signature			_ (SEAL)
Date		Inventor Signature			_ (SEAL)
Date		Inventor Signature			_ (SEAL)
Date		Inventor Signature		<u></u>	_ (SEAL)
Date		Inventor Signature			_ (SEAL)
Date		Inventor Signature			_ (SEAL)
neither,	This assignment should preferably be signed then it should be signed before at least two wi	before: (a) a Notary Pub tnesses who also sign he	lic if within the U.S.A. (I	o) a U.S. Consul if outside	the U.S.A. If
Date	10/12/15	Witness	Plealis	_ -	
Date	10 Dec 2015	Witness _	Tolog	2R	······································