# 12/31/2013



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RECORDATION FORM COVER SHEET

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	Attorney Docket No. 158661
Please record the attached orig	zinal document or copy thereof.
A. Name of conveying parties:	2. A. Name and address of receiving party:
<ol> <li>Christopher Alan SIMMONS</li> <li>Mark David HANCOCK</li> <li>Andrew MANTLE</li> <li>Additional name(s) of conveying party(ies) attached?</li> </ol> □ Yes ☑ No	ROLLS-ROYCE PLC 65 BUCKINGHAM GATE, LONDON, SW1E 6AT, GREAT BRITAIN  B. Additional name(s) & address(es) attached?
A. Nature of conveyance:	☐ Yes Ø No
B. Execution Date:  1. November 18, 2013  2. September 17, 2013  3. August 16, 2013	
This document is being filed together with a new application.	ation.
Λ. Patent Application No. <u>13/973,464</u>	B. Patent No.(s)
Additional numbers at	lached? □ Yes ⊠ No
C. Title of Application: FIXTURE AND METHOD	
D.	te: (1) recording in the assignment database; and (2) for use in declaration pursuant to 37 CFR 1.63(c).
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: James A. Oliff  Address: OLIFF & BERRIDGE, PLC P.O. Box 320850	7. Please charge Deposit Account No. 15 0461 the total fee (37 CFR 3.41) in the amount of \$40.00.
Alexandria, VA 22320-4850 email@oliff.com	Credit any overpayment or charge any underpayment to deposit account number 15-0461     01/08/2014 HTON11 00000003 150461 13
Statement and signature.  To the best of my knowledge and belief, the foregoing inform original document.	01 FC:8021 40.00 DA attion is true and correct and any attached copy is a true copy of the
James A. Cliff, Registration No. 27,075 Olga Hernandez, Registration No. 58,232 Todd M. Guise, Registration No. 46,748	Date: November 26, 2013
Total number of pages including cover sheet, attachme	nts, and document: 7

PATENT

# 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)	Christopher Alan SIMMONS	(2)	Mark David HANCOCK	į.
(1-8)	Legal Name(s)	(3)	Andrew MANTLE	(4)		
	of Inventor(s)	(5)		(6)		· · · · · · · · · · · · · · · · · · ·
•		(7)		(8)		
		the un	sideration of the sum of one dolla dersigned, the receipt and sufficie and hereby does assign, transfer	ncy of which are I	r good and valuable considerati noreby acknowledged, each und	on paid to each of ersigned agrees to
<b>(9)</b> ,	Insert Name of Assignee	(9)	ROLLS-ROYCE PLC			
(10)	Insert Address of Assignee	(10)	65 Buckingham Gate, London	, SWIE 6AT, Gre	at Britain	
		the en invent contin	nafter designated as the Assignee) tire right, title and interest for the ion, and in all applications for para uation, international, confirmation ions, reissues and reexamination	United States of A tent including any n, substitute and re	uncrice as defined in 35 U.S.C. and all provisional, non-provisi issue application(s), and all Lo	. § 190, in the ional, divisional, ttera Patent,
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	Fixture and method for securit	ng an aerofoil		
	Application Number	(Atto	ney Dacket No15866			· )
(12)	Alternative	(12)	U.S. Application Number	13/973	,464	
	Identification for filed applications	filed	August 22, 20	13		
	1) Each undersigned agre	es to exec	ute all papers necessary in conne	ection with any ap	plication 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.

#### 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.

**PATENT** 

	In witness whereof, executed by the under	rsigned on the date(s) o	pposite the undersigned name(s).	<u>}</u>
Date	18/11/2013	Inventor Signature	CASiminons C. A. Simmons	(SEAL)
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Date		Inventor Signature	M D Hancock	(SEAL)
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neither	, then it should be signed before at least (wo v	vitnesses who also sign h	ere:	t ,
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# ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(b)) For Application with Filing Date on or after September 16, 2012

#### ASSIGNMENT

	Insert	(1)	Christopher Alan SIMMONS	(2)	Mark David HANCOCK	
(1-8)	Legal Name(s)	(3)	Andrew MANTLE	(4)		
	of Inventor(s)	(5)		(6)		
	•	(7)		(8)		;
		the un	sideration of the sum of one dol dersigned, the receipt and suffic and hereby does assign, transfe	iency of which are I	r good and valuable consider hereby acknowledged, each u	ation paid to each of ndersigned agrees to
(9)	Insert Name of Assignee	(9)	ROLLS-ROYCE PLC		÷	4
(10)	Insert Address of Assignee	(10)	65 Buckingham Gate, Londo	on, SWIE 6AT, Gre	≿at Britain	
		the en invent contin	nafter designated as the Assigne tire right, title and interest for th tion, and in all applications for p unation, international, confirmations, reissues and reexamination	e United States of A atent including any on, substitute and re	America as defined in 35 U.S. and all provisional, non-prov sissue application(s), and all l	C. § 100, in the risional, divisional, Letters Patent,
(11)	Insert Identification such as Title, Case	(11)	Fixlure and method for secur	ing an aerofoil		
	Number, or Foreign Application Number	(Atto	mey Docket No. 15866	51		<u> </u>
(12)	Alternative	(12)	U.S. Application Number	13/973	,464	
	Identification for filed applications	filed	August 22, 2	013		;
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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.

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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.

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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.

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PATENT

In witness whereof, executed by the undersign	ed on the date(s) opposite the undersi	ned name(s).
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Date		Inventor Signature	C A Simmons	(SEAL)
Date	09/17/2013	Inventor Signature	MDHancock M Homork	(SEAL)
Date	X 1	Inventor Signature	A Mantic	(SEAL)
Date		Inventor Signature		(SEAL)
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<b></b> ;-		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
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Date	This assignment should preferably be signed	Inventor Signature before; (a) a Notary Pu	plic if within the U.S.A. (b) a U.S. Consul if outside the	(SEAL)
neither,	thèn it should be signed before at least two wi	messes who also sign la	ere:	
Date	•	Witness	for C A Simmons	<u>.</u>
Date		Witness	for C A Simmons	
Date	9/17/2013	Witness	for M D Hancook * Alle	· · ·
Date	09/17/2013	Witoess	for M D Hancock	
Date		Witness	for A Mantle	
Date		Witness	for A Mantic	l), agent

PATENT REEL: 032097 FRAME: 0464

## 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) Christoph	er Alan SIMMONS	(2)	Mark David HANCOCK	· 1
(1-8)	Legal Name(s)	(3) Andrew N	MANTLE	(4)		
	of Inventor(s)	(5)	•	(6)	,	
		(7)		(8)		i.
		the undersigned, th	f the sum of one del he receipt and suffic does assign, transfe	iency of which are l	r good and valuable consid hereby acknowledged, each	eration paid to each of undersigned agrees to
(9)	Insert Name of Assignee	(9) ROLLS-R	ROYCE PLC			* 
(10)	Insert Address of Assignee	(10) 65 Buckin	ngham Gate. Londo	on, SWIE 6AT, Gr	eat Britain	( '
		the entire right, titl invention, and in a continuation, inter	le and interest for th all applications for p mational, confirmati	o United States of A patent including any ion, substitute and n	eirs, successors, assigns and America as defined in 35 U and all provisional, non-pressure application(s), and all ay be granted on the invent	S.C. § 100, in the ovisional, larger Patent, larger Patent,
(II)	Insert Identification such as Title, Casc	(11) Fixture å	nd method for secur	ring an aerofoil		t , ,
	Number, or Foreign Application Number	(Attorney Docket	No. <u>15866</u>	1		)
(12)	Alternative	(12) U.S. Appli	ication Number	13/973	,464	k.
	Identification for filed applications	filed Augu	st 22, 20	)13		

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PATENT

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		Inventor Signature	C A Simmons	(2:
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