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Attorney Docket No. 158661

Please record the attached original document or copy thereof.

MCA 11-26-13

1. A. Name of conveying parties:

1. Christopher Alan SIMMONS
2. Mark David HANCOCK
3. Andrew MANTLE

B. Additional name(s) of conveying party(ies) attached?
 Yes No

2. A. Name and address of receiving party:

ROLLS-ROYCE PLC
65 BUCKINGHAM GATE,
LONDON, SW1E 6AT,
GREAT BRITAIN

B. Additional name(s) & address(es) attached?
 Yes No

3. A. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

B. Execution Date:
1. November 18, 2013
2. September 17, 2013
3. August 16, 2013

4. This document is being filed together with a new application.

A. Patent Application No. 13/973,464

B. Patent No.(s) _____

Additional numbers attached? Yes No

C. Title of Application: FIXTURE AND METHOD FOR SECURING AN AEROFOIL

D. 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).

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: OLIFF & BERRIDGE, PLC
P.O. Box 320850
Alexandria, VA 22320-4850
email@oliff.com

6. Total number of applications and patents involved: 1

7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.

8. Credit any overpayment or charge any underpayment to deposit account number: 15-0461.

01/08/2014 HTON11 00000003 150461 13978464

9. 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.

Date: November 26, 2013

James A. Oliff, Registration No. 27,075
Olga Hernandez, Registration No. 58,232
Todd M. Guise, Registration No. 46,748

Total number of pages including cover sheet, attachments, and document: 7

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>18/11/2013</u>	Inventor Signature	<u>C A Simmons</u> <i>C. A. Simmons</i>	(SEAL)
Date	_____	Inventor Signature	<u>M D Hancock</u>	(SEAL)
Date	_____	Inventor Signature	<u>A Mantle</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
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	<u>18/11/2013</u>	Witness	<u>for C A Simmons</u> <i>L. Howell</i>
Date	<u>18/11/2013</u>	Witness	<u>for C A Simmons</u> <i>J. Reynolds</i>
Date	_____	Witness	<u>for M D Hancock</u>
Date	_____	Witness	<u>for M D Hancock</u>
Date	_____	Witness	<u>for A Mantle</u>
Date	_____	Witness	<u>for A Mantle</u>

**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)	<u>Christopher Alan SIMMONS</u>	(2)	<u>Mark David HANCOCK</u>
(1-8)	Legal Name(s) of Inventor(s)	(3)	<u>Andrew MANTLE</u>	(4)	<u></u>
		(5)	<u></u>	(6)	<u></u>
		(7)	<u></u>	(8)	<u></u>

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)	<u>ROLLS-ROYCE PLC</u>
(10)	Insert Address of Assignee	(10)	<u>65 Buckingham Gate, London, SW1E 6AT, Great Britain</u>

(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)	<u>Fixture and method for securing an aerofoil</u>
		(Attorney Docket No. <u>158661</u>)	

(12)	Alternative Identification for filed applications	(12)	U.S. Application Number <u>13/973,464</u>
		filed <u>August 22, 2013</u>	

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).

Date _____ Inventor Signature C A Simmons (SEAL)

Date 09/17/2013 Inventor Signature M D Hancock *M Hancock* (SEAL)

Date _____ Inventor Signature A Mantle (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

Date _____ Inventor Signature _____ (SEAL)

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 _____ Witness for C A Simmons

Date _____ Witness for C A Simmons

Date 9/17/2013 Witness for M D Hancock *[Signature]*

Date 09/17/2013 Witness for M D Hancock *[Signature]*

Date _____ Witness for A Mantle

Date _____ Witness for A Mantle

**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
(1-8)	Legal Name(s) of Inventor(s)	(3) Andrew MANTLE	(4)
		(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) ROLLS-ROYCE PLC
(10)	Insert Address of Assignee	(10) 65 Buckingham Gate, London, SW1E 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) Fixture and method for securing an aerofoil
		(Attorney Docket No. <u>158661</u>)

(12)	Alternative Identification for filed applications	(12) U.S. Application Number <u>13/973,464</u> filed <u>August 22, 2013</u>
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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:

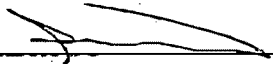
I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

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).

Date	_____	Inventor Signature	<u>C A Simmons</u>	(SEAL)
Date	_____	Inventor Signature	<u>M D Hancock</u>	(SEAL)
Date	<u>16 Aug 2013</u>	Inventor Signature	<u>A Mantle</u> 	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
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	_____	Witness	<u>for C A Simmons</u>
Date	_____	Witness	<u>for C A Simmons</u>
Date	_____	Witness	<u>for M D Hancock</u>
Date	_____	Witness	<u>for M D Hancock</u>
Date	<u>16-Aug-2013</u>	Witness	<u>for A Mantle</u> 
Date	<u>16-Aug-2013</u>	Witness	<u>for A Mantle</u> 