

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2663135

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Reginald TRAINER</td> <td>12/10/2013</td> </tr> <tr> <td>Konstantinos KAMPISIOS</td> <td>11/14/2013</td> </tr> <tr> <td>Omar JASIM</td> <td>12/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	David Reginald TRAINER	12/10/2013	Konstantinos KAMPISIOS	11/14/2013	Omar JASIM	12/04/2013
Name	Execution Date								
David Reginald TRAINER	12/10/2013								
Konstantinos KAMPISIOS	11/14/2013								
Omar JASIM	12/04/2013								
RECEIVING PARTY DATA									
Name:	ROLLS-ROYCE PLC								
Street Address:	65 Buckingham Gate								
City:	London								
State/Country:	Great Britain								
Postal Code:	SW1E 6AT								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14085117</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14085117				
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Application Number:	14085117								
CORRESPONDENCE DATA									
Fax Number:	(703)836-2787								
Phone:	703-836-6400								
Email:	email@oliff.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	JAMES A. OLIFF								
Address Line 1:	OLIFF & BERRIDGE, PLC								
Address Line 2:	P.O. BOX 320850								
Address Line 4:	ALEXANDRIA, VIRGINIA 22320-4850								
ATTORNEY DOCKET NUMBER:	159649								
NAME OF SUBMITTER:	JOVITA RUDD								
Signature:	/Jovita Rudd/								

Date:	12/30/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p><b>Total Attachments: 6</b> source=12.30.2013 Assignment#page1.tif source=12.30.2013 Assignment#page2.tif source=12.30.2013 Assignment#page3.tif source=12.30.2013 Assignment#page4.tif source=12.30.2013 Assignment#page5.tif source=12.30.2013 Assignment#page6.tif</p>	

**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)	<b>Insert Legal Name(s) of Inventor(s)</b>	(1) <u>David Reginald TRAINER</u>	(2) <u>Konstantinos KAMPISIOS</u>
		(3) <u>Omar JASIM</u>	(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)	<b>Insert Name of Assignee</b>	(9) <u>ROLLS-ROYCE PLC</u>
(10)	<b>Insert Address of Assignee</b>	(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)	<b>Insert Identification such as Title, Case Number, or Foreign Application Number</b>	(11) <u>An Electrical System</u>
		(Attorney Docket No. <u>159649</u> )

(12)	<b>Alternative Identification for filed applications</b>	(12) U.S. Application Number <u>14/085,117</u>
		filed <u>November 20, 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 10 December 2013 Inventor Signature *David Trainer*  
D R Trainer (SEAL)

Date \_\_\_\_\_ Inventor Signature K Kampisios (SEAL)

Date \_\_\_\_\_ Inventor Signature O Jasim (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 10 December 2013 Witness *KDY*  
for D R Trainer K DYKE

Date 10 DECEMBER 2013 Witness *[Signature]*  
for D R Trainer FRANCISCO JOSE MORENO

Date \_\_\_\_\_ Witness \_\_\_\_\_  
for K Kampisios

Date \_\_\_\_\_ Witness \_\_\_\_\_  
for K Kampisios

Date \_\_\_\_\_ Witness \_\_\_\_\_  
for O Jasim

Date \_\_\_\_\_ Witness \_\_\_\_\_  
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<b>(1-8)</b>	<b>Insert Legal Name(s) of Inventor(s)</b>	(1) <u>David Reginald TRAINER</u>	(2) <u>Konstantinos KAMPISIOS</u>
		(3) <u>Omar JASIM</u>	(4) _____
		(5) _____	(6) _____
		(7) _____	(8) _____

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<b>(10)</b>	<b>Insert Address of Assignee</b>	(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

<b>(11)</b>	<b>Insert Identification such as Title, Case Number, or Foreign Application Number</b>	(11) <u>An Electrical System</u>
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As an above named inventor, I hereby declare that:

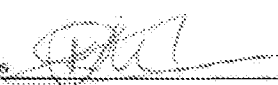
I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.


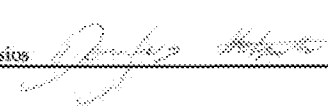
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	_____	Inventor Signature	D R Trainer	(SEAL)
Date	14 November 2013	Inventor Signature	K Kampisios 	(SEAL)
Date	_____	Inventor Signature	O Jasim	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

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Date	_____	Witness	for D R Trainer
Date	_____	Witness	for D R Trainer
Date	14 November 2013	Witness	for K Kampisios 
Date	16 November 2013	Witness	for K Kampisios 
Date	_____	Witness	for O Jasim
Date	_____	Witness	for O Jasim

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(1) David Reginald TRAINER (2) Konstantinos KAMPISIOS

(3) Omar ~~Wahid~~ Fakhel JASIM

(5) 4<sup>th</sup> December 2013

(7) (8)

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Date \_\_\_\_\_ Inventor Signature D R Trainer (SEAL)

Date \_\_\_\_\_ Inventor Signature K Kampisios (SEAL)

Date 4<sup>th</sup> December 2013 Inventor Signature O J Jasim (SEAL)

Date \_\_\_\_\_ Inventor Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Inventor Signature \_\_\_\_\_ (SEAL)

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Date \_\_\_\_\_ Witness for K Kampisios

Date 4 DEC 2013 Witness for O Jasim JC Cloe Prof Jon Cloe

Date 4<sup>th</sup> DECEMBER 2013 Witness for O Jasim De A J. Waffon