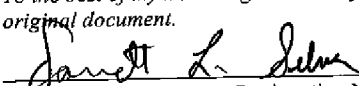


Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
		Attorney Docket No. 139711
Please record the attached document.		
Total number of pages including cover sheet, attachments, and document: <u>5</u>		
1. A. Name of conveying parties: (1) Mitchel CAMERON (2) Hang Wai LUNG (3) Nicholas Barrington ORCHARD (4) Michael John Sheldon GOODER B. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. A. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ B. Execution Date: <u>(1) & (2) October 20, 2008;</u> <u>(3) May 11, 2009; (4) June 25, 2009</u>		
4. A. Patent Application No. <u>12/227,972</u>		B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
C. Title of Application: <u>METHOD AND SYSTEM FOR MEASURING A COMPONENT</u>		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James A. Oliff</u> Address: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787	6. Total number of applications and patents involved: <u>1</u> 7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of <u>\$40.00</u> . 8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.	
9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  Jarrett L. Silver Registration No. 60,239 </div> <div style="text-align: center;"> Date: <u>July 15, 2009</u> </div> </div>		

CH \$40.00 150461 12227972

ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
 - (1) MITCHEL CAMERON (5)
 - (2) HANG WAI LUNG (6)
 - (3) NICHOLAS ORCHARD BARRINGTON (7)
 - (4) MICHAEL JOHN SHELDON GOODER (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, 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) METHOD AND SYSTEM FOR MEASURING A COMPONENT
 - 3721 PDG
 - (Attorney Docket No. 139711)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- (12) Insert Date of Signing of Application (12) on _____
- (13) Alternative Identification for filed applications
 - (13) U.S. application Serial Number 12/227,972
 - filed July 15, 2009

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, 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 continuation or division thereof, or any patent or reissue application based thereon, 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 to issue any and all Letters Patents of the United States 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 agreements in conflict herewith, and agrees that this assignment is binding on him and his 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.

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

Date	<u>Mitchel Cameron</u>	Inventor Signature	<u>Mitchel Cameron</u>	(SEAL)
Date	<u>20 October 2008</u>	Inventor Signature	<u>Hang Wai Lung</u>	(SEAL)
Date	_____	Inventor Signature	<u>Nicholas Barrington Orchard</u>	(SEAL)
Date	_____	Inventor Signature	<u>Michael John Sheldon Gooder</u>	(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>20 October 2008</u>	Witness	<u>C. Aueba</u>
Date	<u>20 October 2008</u>	Witness	<u>[Signature]</u>

ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
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 - (2) HANG WAI LUNG (6)
 - (3) NICHOLAS ORCHARD BARRINGTON (7)
 - (4) MICHAEL JOHN SHELDON GOODER (8)

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- (10) Insert Address of Assignee (10) 65 BUCKINGHAM GATE, LONDON, SW1E 6AT, GREAT BRITAIN

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- (11) Insert Identification such as Title, Case Number, or Foreign Application Number (11) METHOD AND SYSTEM FOR MEASURING A COMPONENT
3721 PDG
(Attorney Docket No. 139711)

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- (13) Alternative Identification for filed applications (13) U.S. application Serial Number 12/227,972
filed July 15, 2009

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

Date _____	Inventor Signature	<u>Mitchel Cameron</u>	(SEAL)
Date <u>20 Oct 2008</u>	Inventor Signature	<u>Hang Wai Lung</u>	(SEAL)
Date _____	Inventor Signature	<u>Nicholas Barrington Orchard</u>	(SEAL)
Date _____	Inventor Signature	<u>Michael John Sheldon Gooder</u>	(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>20th Oct 2008</u>	Witness	<u>R J Kemp</u>
Date <u>20/10/2008</u>	Witness	<u>James Curran</u>

ASSIGNMENT

(1-8) **Insert Name(s) of Inventor(s)**

(1) MITCHEL CAMERON (5) _____

(2) HANG WAI LUNG (6) _____

(3) NICHOLAS ORCHARD BARRINGTON (7) _____

(4) MICHAEL JOHN SHELDON GOODER (8) _____

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(10) **Insert Address of Assignee** (10) 65 BUCKINGHAM GATE, LONDON, SW1E 6AT, GREAT BRITAIN

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(11) **Insert Identification such as Title, Case Number, or Foreign Application Number** (11) METHOD AND SYSTEM FOR MEASURING A COMPONENT

3721 PDG

(Attorney Docket No. 139711)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) **Insert Date of Signing of Application** (12) on _____

(13) **Alternative Identification for filed applications** (13) U.S. application Serial Number 12/227,972

filed July 15, 2009

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

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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.

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

Date	_____	Inventor Signature	<u>Mitchel Cameron</u>	(SEAL)
Date	_____	Inventor Signature	<u>Hang Wai Lung</u>	(SEAL)
Date	<u>11 MAY 2009</u>	Inventor Signature	<u>Nicholas B Orchard</u>	(SEAL)
Date	_____	Inventor Signature	<u>Michael John Sheldon Gooder</u>	(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 11 MAY 2009 Witness [Signature]

Date 11th MAY 2009 Witness [Signature]

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) MITCHEL CAMERON (15)

(2) HANG WAI LUNG (10)

(3) NICHOLAS BARRINGTON O'REILLY (15)

(4) MICHAEL ADRIAN SHELDON GOODE (10)

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to:

(9) Insert Name of Assignee

(10) Insert Address of Assignee

(9) ROLLS-ROYCE PLC

(10) 66 BECKINGHAM GATE, LONDON, SW1E 6AE 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, informational, confirmation, substitute and rescue applications), and all Letters Patent, extensions, renewals and re-examination certificates that may be granted on the invention known as:

(11) Insert Identification such as Title, Case Number, or Foreign Application Number

(11) METHOD AND SYSTEM FOR SUSPENDING A COMPONENT
3721 19M

(Attorney Docket No. 139711)

for which the undersigned has filed or has filed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application

(12) 00

(13) Alternative Identification for filed applications

(13) U.S. application Serial Number 12/227,972
filed July 15, 2009

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

Date _____ Inventor Signature Mitchel Cameron (SEAL)

Date _____ Inventor Signature Hang Wai Lung (SEAL)

Date _____ Inventor Signature Nicholas Barrington O'Reilly (SEAL)

Date 25 June 2009 Inventor Signature Michael A S Goode (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 can sign here:

Date 25/06/2009 Witness [Signature]

Date _____ Witness _____

PATENT