CH \$40.00 150461 13290225

Mail Stop:         Assignment Recordation Services         Director of the U.S. Patent         and Trademark Office         P.O. Box 1450		RM COVER SHEET U.S. DEPARTMENT OF COMMERCE S ONLY Patent and Trademark Office		
Alexandria, VA 22313-1450		Att	torney Docket No. <u>151346</u>	
Please record the attached document. Total number of pages including cove	r sheet, attachments, and docu	nent: <u>3</u>		
1. A. Name of conveying parties	:	2. A. Name and	d address of receiving party:	
<ol> <li>Kristofer John J</li> <li>Paul MASON</li> <li>Eric Pierre RAV</li> </ol>		65 BU LONI	LS-ROYCE PLC UCKINGHAM GATE, DON, SW1E 6AT, AT BRITAIN	
B. Additional name(s) of conv	veying party(ies) attached?	B. Addition	al name(s) & address(es) attached? □Yes ⊠No	
<ol> <li>A. Nature of conveyance:</li> <li>Assignment</li> </ol>	🗋 Merger			
Security Agreement	Change of Name			
Other				
<ul> <li>B. Execution Date:</li> <li>[1 &amp; 2]: SEPTEMBE</li> <li>[3]: JUNE 9, 2011</li> </ul>	<u>R 19, 2011;</u>			
4. A. Patent Application No.	3/290,225	B. Patent N	lo.(s)	
	Additional numbers att	ached? 🗌 Yes 🛛 No	0	
C. Title of Application: <u>N</u>	<u>OSE CONE ASSEN</u>	<u> IBLY</u>		
<ol> <li>Name and address of party to w concerning document should be</li> </ol>	hom correspondence mailed;	6. Total number	of applications and patents involved: $1$	
Name: James A. Oliff		7. Please ch total fee (	arge Deposit Account No. 15-0461 th 37 CFR 3.41) in the amount of \$40.00.	
Address: OLIFF & BER P.O. Box 3 Alexandria, VA Phone Number: 7 Fax Number: 7	20850 22320-4850 703-836-6400	<ol> <li>Credit any ov deposit accou</li> </ol>	erpayment or charge any underpayment to nt number 15-0461.	
9. Statement and signature. To the best of my knowledge an original document. Janua A. Oliff, Registration No Jofficty R. Bousquet, Registration	. 27,075		t and any attached copy is a true copy of the <u>November 7, 2011</u>	
4603		RE	PATENT EL: 027233 FRAME: 0042	

700474603

,

## ASSIGNMENT

		(1) KRISTOFER JOHN BOTTOME (5)				
(1-8)	Insert	(2) PAUL MASON (6)				
	Name(s) of Inventor(s)	(3) <u>ERIC PIERRE RAVEY</u> (7)				
		(4) (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 Assignce	(9) ROLLS-ROYCE PLC				
(10)	Insert Address of Assignee	(10) 65 BUCKINGHAM GATE, LONDON, SWIE 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	(11) NOSE CONE ASSEMBLY				
	such as Title, Case	4711 TAL				
	Number, or Foreign Application Number	(Attorney Docket No151346)				
		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	(12) on				
	Application	13/290,225				
(13)	Alternative Identification for	(13) U.S. application Serial Number				
	filed applications	filed November 7, 2011				
	1) Each undersigned agree	es to execute all papers necessary in connection with any application and any continuing, divisional or				

applications for the invention, and any patent(s) issuing thecessary in connection with any opprate 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	19 SEPTEMBER 2011	Inventor Signature	KRISTOFER JOHN BOTTOME	(SEAL)
Date	19 SEPTEMBER 2011	Inventor Signature	flant Masin PAUL MASON	(SÉAL)
Date		Inventor Signature	ERIC PIERRE RAVEY	(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 19 SEPTEMBER 2011 Witness

Date	1941	SFA	IN BER	'Loil
Date	1.1.1	CAL KI	LYNE TO CL	201

Witness PATENT

REEL: 027233 FRAME: 0043

## ASSIGNMENT

		(1) KRISTOFER JOHN BOTTOME (5)
(1-8)	Insert Name(s) of Inventor(s)	(2) <u>PAUL MASON</u> (6)
		(3) <u>ERIC PIERRE RAVEY</u> (7)
		(4) (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 Assignce	(10) 65 BUCKINGHAM GATE, LONDON, SW1E 6AT, GREAT BRITAIN
(11)	Insert Identification such as Title, Case	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) NOSE CONE ASSEMBLY 4711 TAL
	Number, or Foreign Application Number	(Attorney Docket No. 151346 )
		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 13/290,225
		filed November 7, 2011

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

reissue applications for the invention, and any patent(s) issuing director, and any or execute separate assignments in connection with 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 roles 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 KRISTOFER JOHN BOTTOME	(SEAL)
Date	Inventor Signature PAUL MASON	(SEAL)
Date	9-06-2011 Inventor Signature ERIC PIERRE RAVEY ERIC PRAVEY	(SEAL)
Date	Inventor Signature	(SEAL)
ncither Date Date	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 construction of the signed before at least two witnesses who also sign here:	e U.S.A. If

## PATENT REEL: 027233 FRAME: 0044

**RECORDED: 11/07/2011**