Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450			RECORDATION FORM PATENTS				IMENT OF COMMERCE atent and Trademark Office	
		ecord the attached document.  mber of pages including cover sheet	et, attachments, and docum	ent: [	2			
3.	A. B	Name of conveying party:  Daniel ROBERTSON  Additional name(s) of conveying  Nature of conveyance:  Assignment   Security Agreement   Other  Execution Date: August 4,	yes ⊠ No  Merger  Change of Name	2.	A. B.	ROLI 65 BU LONI GREA	d address of receit LS-ROYCE JCKINGHADON, SWII AT BRITAI al name(s) & addr	PLC AM GATE, E 6AT, N
4.	A. C.	Patent Application No.(s) 13/2  Title of Application: ANTI	222,583  Additional numbers attack			_	• •	
5.	Na	me and address of party to whom cocerning document should be mailed ame: James A. Oliff  ddress: OLIFF & BERRIDGE P.O. Box 320850 Alexandria, VA 22320 Phone Number: 703-83 Fax Number: 703-836	orrespondence d: d, PLC 0-4850 6-6400	6. 7. 8.	Total	al number of	urge Deposit Ac 7 CFR 3.41) in	d patents involved: 1 count No. 15-0461 the the amount of \$40.00. ge any underpayment to 1.
9.	Jam	tement and signature. the best of my knowledge and believinal hocument. the A Chrit Registration No. 27,07,01 ctelle K. Windom, Registration No.	75	on is t	rue a		and any attached August 31, 2011	copy is a true copy of the

PATENT REEL: 026836 FRAME: 0686

## ASSIGNMENT

		(1)	DANIEL ROBERTSON	(5)						
(1-8)	Insert	(2)		(6)						
	Name(s) of Inventor(s)	(3)		(7)	•					
		(4)								
		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	m	POLI E POVCE DI C							
(10)	Insert Address of		(9) ROLLS-ROYCE PLC (10) 65 BUCKINGHAM GATE, LONDON, SWIE 6AT, GREAT BRITAIN							
	Assignee	the entir invention continu	ifter designated as the Assignee) re right, title and interest for the on, and in all applications for pat	and Assignee's heirs, succe United States of America as ent including any and all pr , substitute and reissue app	ssors, assigns and legal representatives, s defined in 35 U.S.C. § 100, in the rovisional, non-provisional, divisional, blication(s), and all Letters Patent,					
(11)	Insert	(11)	ANTI FRET LINER ASSEME	LY						
	Identification such as Title, Case Number, or Foreign Application Number		4676 DEN							
		(Attorn	(Attorney Docket No. 150537							
			ch the undersigned has (bave) e	xecuted an application for	patent in the United States of America					
(12)	Insert Date of	On even	date herewith of							
,	Signing of Application	(12)	on 4 <sup>th</sup> August 2011	, , , , , , , , , , , , , , , , , , ,						
(13)	Alternative	(13)	U.S. application Serial Number	13/222,583						
	Identification for filed applications	filed	August 31, 2011							
reexaming Patents of full right and agree	r provisions of the Internation 4) Each undersigned agree hation a grant of a valid Unity 5) Each undersigned author of the United States resulting t to convey the entire intereses that this assignment is bit 6) Each undersigned hereb attorn that may be necessary	onal Converse to perfore ited States orizes and a grown saids therein as inding on heavy grants the control of	ention for Protection of Industri m all affirmative acts which me patent to the Assignce. requests the Commissioner of the Insplication(s) to the said Assissigned, and that he has not exe tim and his heirs, successors, as the firm of OLIFF & BERRIDGE.	al Property or similar agre y be necessary to obtain, r te U.S. Patent and Tradem gnee, as Assignee of the er cuted, and will not execute signs and legal represental PLC the power to insert on	naintain or confirm by reissue or ark Office to issue any and all Letters otire interest, and covenants that he has to any agreements in conflict herewith, tives.					
recordat	ion of this document. In witness whereof, execu	ited by the	undersigned on the date(s) o	pposite the undersigned :	name(s).					
Date	4/08/2011		Inventor Signature	Daniel Robertson	(SEAL)					
Date			Inventor Signature		(SEAL)					
Date		· · · · · · · · · · · · · · · · · · ·	 Inventor Signature		(SEAL)					
Date			Inventor Signature		(SEAL)					
Date			Inventor Signature		(SEAL)					
Date			Inventor Signature		(SEAL)					
Date	· · · · · · · · · · · · · · · · · · ·		Inventor Signature		(SEAL)					
Date			Inventor Signature		(SEAL)					
neither, Date			signed before: (a) a Notary Put two witnesses who also sign h Witness		) a U.S. Consul if outside the U.S.A. If					
	04/08/2011									

PATENT REEL: 026836 FRAME: 0687