Mail Stop: Assignment Recordation Services Director of the U.S. Patent and Trademark Office P.O. Box 1450			RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
Al	exan	dria, VA 22313-1450		Att	orney Docket No.	<u>144342</u>		
Please record the attached document.  Total number of pages including cover sheet, attachments, and document: 2								
1.	A. B.	Name of conveying parties:  1. Phillip BRENNANE 2. Richard M. JONES Additional name(s) of conveying		ROLL 65 BU LONE	address of receiving S-ROYCE PICKINGHAMOON, SW1E 6	LC I GATE		
3.	A.	Nature of conveyance:  Assignment  Security Agreement  Other  Execution Date: January 18, 2	Merger Change of Name 2010- All	B. Additions	ll name(s) & addre: □Y	ss(es) attached? 'es ⊠ No		
4.	A.	Patent Application No. 12/69	9,507	B. Patent No	.(s)	<del></del>		
	Additional numbers attached?							
	C.	Title of Application: METH	OD OF MANUFACTU	RING A BLADE				
5.	Name and address of party to whom correspondence concerning document should be mailed:			6. Total number of applications and patents involved: 1				
	Na	ime: <u>James A. Oliff</u>				ount No. 15-0461 the le amount of \$40.00.		
	Ad	Idress: OLIFF & BERRIDGE, PL P.O. Box 320850 Alexandria, VA 223 Phone Number: 703-836- Fax Number: 703-836-2	20-4850 6400	Credit any over deposit account	payment or charge number 15-0461.	any underpayment to		
9.	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: February 3, 2010  James A. Oliff, Registration No. 27,975  Justin T. Lingard, Registration No. 61,276							

PATENT REEL: 023896 FRAME: 0115

## ASSIGNMENT

			7100101111	A131 1 I		
(1-8)	Insert Name(s) of Inventor(s)	(1)	PHILLIP BRENNAND	(5)		
		(2)	RICHARD MARTIN JONES	(6)		
		(3)		(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 Assignee	(10)	65 BUCKINGHAM GATE, LON	DON, 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	(11)	METHOD OF MANUFACTURE	NG A BLADI	3	
			4275 PDG			
	Number, or Foreign Application Number	(Atton	ney Docket No. 144342			
			ch the undersigned has (have) exects date herewith or	cuted an appli	cation for patent in the United States of America	
(12)	Insert Date of Signing of Application	(12)	January 18, 2010			
13)	Alternative	(13)	U.S. application Serial Number	12/699,5	507	
	Identification for filed applications	filed	February 3, 2010			
ipplicat	applications for the inventions and patents as the Assi 2) Each undersigned agree	on, and any ignee may o es to execu	patent(s) issuing thereon, and also deem necessary. te all papers necessary in connection	to execute se on with any in	oplication and any continuing, divisional or parate assignments in connection with such terference which may be declared concerning hereon, 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 Inventor Signature 01-18-2010 Date Inventor Signature (SEAL) 1-18-2010 Richard Martin Jones 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 Witness

**PATENT** 

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