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 COMMERC Patent and Trademark Office				
Alex	andria, VA 22313-1450		Atto	orney Docket No. 145299		
	Please record the attached document. Total number of pages including cover sheet, attachments, and document: 3					
1.	 A. Name of conveying parties: 1. Ian Adrian HOOD 2. Kenneth Franklin U B. Additional name(s) of conveying 		ROLL 65 BU LONI	d address of receiving party: S-ROYCE PLC ICKINGHAM GATE DON, SW1E 6AT AT BRITAIN		
3.	A. Nature of conveyance:	Merger Change of Name 23, 2010;	B. Additiona	al name(s) & address(es) .attached? Yes No		
4.	A. Patent Application No.(s) 12/	760,001	B. Patent No	o.(s)		
		Additional numbers attac	hed? 🔲 Yes 🖾 No)		
	C. Title of Application: CON	TROL MECHANIS	<u>M</u>			
5.	Name and address of party to whom concerning document should be mail	correspondence ed:	6. Total number	of applications and patents involved: 1		
	Name: James A. Oliff		7. Please cha total fee (3	arge Deposit Account No. 15-0461 the 37 CFR 3.41) in the amount of \$40.00.		
	Address: OLIFF & BERRIDGE, F P.O. Box 320850 Alexandria, VA 22 Phone Number: 703-83 Fax Number: 703-836	320-4850 6-6400	8. Credit any ove deposit accoun	erpayment or charge any underpayment to nt number 15-0461.		
9.	Statement and signature. To the best of my knowledge and be original doctment. James A. Oliff, Registration No. 27, Patrick T. Muffo, Registration No. 6	075		and any attached copy is a true copy of the April 14, 2010		

PATENT REEL: 024235 FRAME: 0142

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		(1)	IAN ADRIAN HOOD					
(1-8)	Insert Name(s) of Inventor(s)	(2)	KENNETH FRANKLIN UDA	ÎT .	(6)			
		(3)		((7)			
		(4)			(8)			
		to eac	In consideration of the sum of on the of the undersigned, each under to	ne dollar (\$1 signed agree	.00) and of s to essign	her good and v , and hereby do	alnable considera es assign, transfe	ation paid er and set
(9)	Insert Name of Assignee	(9)	ROLLS-ROYCE PLC		-			
(10)	Insert Address of Assignee		65 BUCKINGHAM GATE, LA	ONDON SW	/IE SAT (OFFAT BRITA	IN	
	Азягдаее	the er inven contir	noafter designated as the Assignee) titre right, title and interest for the tion, and in all applications for paraution, international, confirmation sions, reissues and reexamination	and Assigne United States tent including n. substitute a	e's heirs, su of Americ any and a and reissue	ecessors, assign a as defined in provisional, no application(s), a	is and legal repres 35 U.S.C. §100, in on-provisional, di- and all Letters Pat	n the visional, tent,
(11)	Insert	(11)	CONTROL MECHANISM					
	Identification such as Title, Case		433 <u>4 NJR</u>					
	Number, or Foreign Application Number	(Atto	(Attorney Docket No. 145299					
		for w	hich the undersigned has (have) e on date herewith or	executed an a	pplication	for patent in th	e United States o	of America
(12)	Insert Date of Signing of	(12)	on March 23, 2010					
	Application	(1-)	VII	**	•			
(13)	Alternative	(13)	U.S. application Serial Number	12/7	760,00	1		
	Identification for filed applications	filed	April 14, 2010					_
the Assignation of the Assignati	lication or continuation or dignee in every way possible in 3) Each undersigned agrees reprovisions of the Internatio 4) Each undersigned agrees nation a grant of a valid Unit 5) Each undersigned author of the United States resulting to convey the entire interest es that this assignment is bin 6) Each undersigned hereby ation that may be necessary of ion of this document.	vision the control of	I requests the Commissioner of the dapplication(s) to the said Assi assigned, and that he has not exelution and his heirs, successors, as the firm of OLIFF & BERRIDGE, able in order to comply with the r	pplication baseling to the control of the control o	ted thereor reference. A act which a similar a ry to obtai t and Trad gnee of th fill not exec gal represe er to insert nited State	a, for the invent a may be necess greements. n, maintain or of emark Office to e entire interest sute, any agreen ntatives. on this assignr s Patent and Tr	sion, and to coope sary in connection confirm by reissu- o issue any and al t, and covenants to ments in conflict to ment any further	erate with n with ne or Il Letters that he has herewith,
	In witness whereof, execut	ed by ti	be undersigned on the date(s) o	pposite the u	ındersigne	ad name(s).		
Date o	23 March.	201	Inventor Signature	lan Adrian	Hood 6	ley f /bj		(SEAL)
Date -			Inventor Signature	Kenneth F	anklin Ud	ali	((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)
		re at lea	e signed before; (a) a Notary Pub st two witnesses who also sign he Witness Witness		the U.S.A.	(b) a U.S. Con	sul if outside the	U.S.A. If
	THE PARTY OF THE P							

ASSI	GNM	ENT
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		(1) <u>IAN ADRIAN HOOD</u> (5)
(1-8)	Insert Name(s) of Inventor(s)	(2) KENNETH FRANKLIN UDALL (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, LONDON, SW1E 6AT, GREAT BRITAIN (hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives,
(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)	Identification such as Title, Case	(11) CONTROL MECHANISM 4334 NJR
(11)	Identification such as Title, Case Number, or Foreign	
(11)	Identification such as Title, Case	4334 NJR
(11)	Identification such as Title, Case Number, or Foreign	4334 NJR (Attorney Docket No. 145299 for which the undersigned has (have) executed an application for patent in the United States of America
, ,	Identification such as Title, Case Number, or Foreign Application Number Insert Date of Signing of	4334 NJR (Attorney Docket No. 145299 for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

 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	In	ventor Signature	To a hadron front	(SEAL)		
Date	17th March 2010	ventor Signature	Tan Adrian Hood Kenneth F Kenneth Franklin Udall	(SEAL)		
Date	In	ventor Signature		(SEAL)		
Date	In	ventor Signature		(SEAL)		
Date	In	ventor Signature	<u></u>	(SEAL)		
Date	In	ventor Signature		(SEAL)		
Date	In	ventor Signature		(SEAL)		
Date	In	ventor 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. In neither, then it should be signed before at least two witnesses who also sign here: Ten March 2010 Witness Dallery						

PATENT REEL: 024235 FRAME: 0144

RECORDED: 04/14/2010