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3.	A.	Nature of conveyance: Assignment	of Name		В.	3. Additional name(s) & address(es) attached? □ Yes ☑ No	
4,	A. C.	A. Patent Application No. 11/520,671 B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ No C. Title of Application: FAN STATIC STRUCTURE					
5.	Nar	me and address of party to whom corresponde cerning document should be mailed:		6.	Tot	Fotal number of applications and patents involved: 1	
	N	ame: James A. Oliff		7.	:	Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.	
	A	ddress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, YA 22320 Phone Number: 703-836-6400 Fax Number: 703-836-2787		8.	Cre dep	Credit any overpayment or charge any underpayment to leposit account number 15-0461.	
9.	To ori, Jan	tement and signature. the best of my knowledge and belief, the fore ginal document. nes A. Oliff Registration No. 27,075 and B. Isaacs Registration No. 56,046	egoing informatio	on is i	rue a	e and correct and any attached copy is a true copy of the Date: December 18, 2006	

PATENT REEL: 018676 FRAME: 0652

ASSIGNMENT

		(1) KENNETH FRANKLIN UDALL (5)				
(1-8)	Insert	(2) (6)				
	Name(s) of Inventor(s)	(3) (7)				
		(4) (8)				
		In consideration of the sum of one dollar (\$1.00) and to each of the undersigned, each undersigned agrees to assiover to	other good and valuable consideration paid			
(9)	Insert Name of Assignee	(9) Rolls-Royce plc				
(10)	Assignce Insert Address of Assignee	(10) 65 Buckingham Gate, London SW1E 6AT, Great I				
		(hereinafter designated as the Assignce) and Assignce'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) FAN STATIC STRUCTURE				
		3586 KAW				
		129426)			
		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)	Alternative	(13) U.S. application Serial Number 11/5	20,6/1			
	Identification for filed applications	filed September 14, 2006				
applica any applica the Ass claims reexam Patents full rig and agr identifit	tions and patents as the Assig 2) Each undersigned agree plication or continuation or di- ingues in every way possible i 3) Each undersigned agree or provisions of the Internation 4) Each undersigned agree ination a grant of a valid Unity 5) Each undersigned author of the United States resulting that to convey the entire interest cess that this assignment is bity 6) Each undersigned hereby cation that may be necessary tion of this document.	and any patent(s) issuing thereon, and also to execute sepance may deem necessary. In execute all papers necessary in connection with any interfision thereof, or any patent or reissue application based therebataining evidence and going forward with such interference of execute all papers and documents and perform any act where all convention for Protection of Industrial Property or similar operform all affirmative acts which may be necessary to obded States patent to the Assignee. The said application(s) to the said Assignee, as Assignee of the rein assigned, and that he has not executed, and will not eating on him and his heirs, successors, assigns and legal representations the firm of OLIFF & BERRINGE, PLC the power to introduce the undersigned on the date(s) opposite the undersigned by the undersigned on the date(s) opposite the undersigned by the undersigned on the date(s) opposite the undersigned by the undersigned on the date(s) opposite the undersigned.	erence which may be declared concerning con, for the invention, and to cooperate with a cich may be necessary in connection with a agreements. Itain, maintain or confirm by reissue or rademark Office to issue any and all Letters the entire interest, and covenants that he has recute, any agreements in conflict herewith, esentatives. Let on this assignment any further artes Patent and Trademark Office for			
Date	8 September		KLINUDALL Kinnetk Freehilin U.			
Date		<u> </u>				
Date						
Date		T				
Date						
Date						
Date		<u> </u>	(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:

RECORDED: 12/18/2006

PATENT REEL: 018676 FRAME: 0653