DT09 Rec'd PCT/PTO 2 8 DEC 2004

Mail Stop:

07-06-2005

			Attorney Docket No. 122241		
	Please record the attached original document or copy thereof.				
1.	A.	Name of conveying parties: 1) Paul BURT 2) Anthony J. GRIFFITH 3) Andrew P. GREEN	2. A. Name and address of receiving party: ROLLS-ROYCE PLC 65 BUCKINGHAM GATE, LONDON SW1E 6AT, ENGLAND		
	B.	Additional name(s) of conveying party(ies) attac Yes No	ned?		
3.	A.	Nature of conveyance:	B. Additional name(s) & address(es) attached?  ☐Yes ☒ No		
	$\boxtimes$	Assignment			
		Security Agreement Change of Nar	ne		
		Other			
	B.	Execution Date: All) March 17, 2003			
4.	$\boxtimes$	This document is being filed together with anew application.			
	A.	Patent Application No.(s)	B. Patent No.(s)		
	Additional numbers attached?				
	C. Title of Application: METHOD AND APPARATUS FOR LASER WELDING				
5.	Nan con	ne and address of party to whom correspondence cerning document should be mailed:	6. Total number of applications and patents involved: 1		
	Na	ame: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
AND		000009_ 10519359 40.00 8P	B. Enclosed (Check No. 162019 )		
	A	ddress: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	Credit any overpayment or charge any underpayment deposit account number 15-0461.		
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 cop the original document.				
1	ine	original document	Date: December 28, 2004		

## ASSIGNMENT

		(1) PAUL BURT (5)	
(1-8)	Insert	(1) PAUL BURT (5) (2) ANTHONY I GRIFFITH (6) (3) ANDREW P GREEN (7)	
	Name(s) of	(1)	
	Inventor(s)	(4)	
		paid to each of the undersigned, the undersigned agree(	and other good and valuable considerations
		and set over to	o wassign, and nereby does assign, transfer
(9)	Insert Name		
	of Assignee	(9) ROLLS-ROYCE plc	
(10)	Insert Address of Assignee		
	or Assignee	(10) 65 BUCKINGHAM GATE LONDON, SWIE 6A (hereinafter designated as the Assignee) the entire right	Field and income for the Line State
		territories, dependencies and possessions, in the invent	on, and all applications for natest and any
		Letters Patent which may be granted therefor, known as	was an approachous for patent and any
(11) Insert Identification		(1.1)	
	such as Title, Case Number or Foreign	(11) METHOD AND APPARATUS FOR LASER WEI	DING
	Application Number		
	Application 140000	for which the undersigned has(have) executed an app	lication for natent in the United States at
		America	mended for passing in the Officed States of
(12)	Insert Date of	4	
	Signing of	(12) on	
(13)	Application Alternative	(13) IIC application Carial Number	
(43)	Identification for	(13) US application Serial Number	
	filed applications	filed	
		e(s) to execute all papers necessary in connection with the	
with class patent to United Assigned that he indentified	and going forward with a 3) The undersigned agricins or provisions of the In 4) The undersigned agree of the Assignee.  5) The undersigned here States resulting from said se of the entire interest, an has (they have) not execute 6) The undersigned here eation which may be necessation of this document.  In witness whereof, execute	tensional Convention for Protection of Industrial Property (c) to perform all affirmative acts which may be necessarily authorize(s) and request(s) the Commissioner of Patent application or any division or divisions or continuing at division or divisions or continuing at division or divisions in conflict to cold, and will not execute, any agreements in conflict herewith the grant(s) the firm of OLIFF AND BERRIDGE the power or desirable in order to comply with the rules of the United by the undersigned on the date(s) opposite the undersigned by the date(s) opposite the undersigned on the date(s) oppo	y act which may be necessary in connection of similar agreements.  Fy to obtain a grant of a valid United States as to issue any and all Letters Patents of the pplications thereof to the said Assignee, as nively the entire interest herein assigned, and the west to insert on this assignment any further nited States Patent and Trademark Office for med name(s).
Date	17/03/2003	Name of Inventor (P Burt)	(SEAL)
_	17/03/2003	Name of Inventor (A J Griffith)	(SEAL)
Date	1 1	MANUAL SALES	HP (ween (SEAL)
Date	FF 03 2003	Name of Inventor (A P Green)	
If neith	This assignment should per, then it should be before	referably be signed before: (a) a Notary Public if within the at least two witnesses who also sign here:	USA (h) a US Consul if outside the USA.
Date	17/03/2003	Witness for P Burt H.S. Hesliper.	The state of the s
Date _	17/03/2003	Witness for P Burt	
Date _	17/03/2003	Witness A J Griffith H.S. Hasapar.	
Date_	17/02/2008	Witness A J Griffith facquety 10 144	
_	17/03/2003	Witness A P Green 15. Hadyan	Familia .
Date	13/03/2005	Witness A P Green for good and	
Date _	13/03/6003		

PATENT REEL: 016739 FRAME: 0580

RECORDED: 12/28/2004