502012928 08/03/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Paul Spooner	03/06/2006
Caroline Mohamed	02/24/2006
Helen Louise Gill	03/06/2006

RECEIVING PARTY DATA

Name:	Rolls-Royce plc		
Street Address:	66 Buckingham Gate		
City:	London		
State/Country:	UNITED KINGDOM		
Postal Code:	SW1E 6AT		

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8156746

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	61817DIV(49370)	
NAME OF SUBMITTER:	Joshua L. Jones	

Total Attachments: 1

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PATENT REEL: 028716 FRAME: 0460

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to the undersign	In cons ned, to w	ideration of the s vit:	sum of Ten Dollars (\$10.00)	and other good and val	lable consideration paid
INSERT NAME(S) OF INVENTOR(S)		Michael Paul	Spooner	(4)	
		Caroline Mohamed (5)			
	(3)	Helen Louise		[] X box if continued on page	.2
the receipt and sell(s), assign(s	L		hereby acknowledged by the	e undersigned who at the	e request of, hereby
(-),			ritish Company of		
INSERT		ckingham Gate			
INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	Londo	on			
& ADDRESS(ES)	SW1E				
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(hereinafter des 35 U.S.C. 100, reissues therec	signated in the in of; and al	"ASSIGNEE") tl vention and all a l resulting paten	he entire right, title and inter applications including any an ts, known as	est for the United States d all divisions, continuat	of America as defined in ions, substitutes, and
TITLE OF INVENTION	LEAN	DIRECT INJ	ECTION ATOMIZER F	OR GAS TURBINE	ENGINES
	For whi	ich the undersig	ned executed an application	for Letters Patent of the	United States of America:
NOTE		(A) [] even da	te herewith		
(COMPLETE		(B) [] on			
LINES A,B, AND/C	OR C)		Application No. 60 / 677	<u>7,757</u> filed <u>N</u>	lay 04, 2005
Patents and Tr successors, as application sha successors, as title in and to th	AND the cademark signs an all hereing AND the cage and a linvent	e undersigned has to issue said legal represer after act on beha e undersigned legal represer on hereby trans	nereby authorize(s) and requ Letters Patent to the said AS ntatives; the undersigned ag alf of said ASSIGNEE; nereby agree(s) to testify an ntatives, deemed essential b	uest(s) the United States SSIGNEE, for its interest ree(s) that the attorney of d execute any papers fo y ASSIGNEE to ASSIGI	Commissioner of as ASSIGNEE, its of record in said r ASSIGNEE, its NEE'S full protection and
/.	INVEN	TOR(S)	DATE SIGNED	WITNES	
1) Name: Michael	I Davi C	Conor	6/3/6	ME	el M. FOALE
21 01	Chan	~~1	24/2/06	Man	M. FOALE
Name: Carolin	111		. 15181	- []	1 011
3) MEAU 6/3/06 MALKA			K.A. HICKS		
4)	Hoist		613106		
Name: 5)					
Name:	_				

IF ADDITIONAL INVENTORS, check box [] and continue on page 2.

RECORDED: 08/03/2012

PATENT REEL: 028716 FRAME: 0461