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SIR: PLEASE RECORD					
1. NAME OF CONVEYI	NG PARTY(IES) (A	SIGNOR	101998679		7.8
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ADDITIONAL NAME(S)	OF CONVEYING F	PARTY(IES) ATTA		XNO	1100 100 02,50
2. PARTY(IES) (ASSIG	NEE(S)) RECEIVIN	IG INTEREST:			
NAME: Rolls-Royce plc.	a British Company	/			
ADDRESS: 65 Bucking	ham Gate, London	SW1E 6AT, Engla	nd		
ADDITIONAL NAME(S)	& ADDRESS(ES) A	ATTACHED?	YES	X	NO
3. NATURE OF CONVE (Submit herewith only inventors is one docum	one document for	<u>ENT):</u> recordation multi	iple copies of same Ass	ignment signed b	y different
ASSIGNMENT		E PART	INTEREST EXEC. D	ATE: January 25	, 2002
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 EXECUTION DATE(<u>SEE ATTY</u>!): 	S) ON THE DECLA	RATION <u>IF</u> FILED	HEREWITH: (NOTE: I	F DATES ↑↓ DIFF	ER
4.5 APPL. NO.(S) OR F	PAT NO.(S). OTHE	RS ON ADDITION	IAL SHEET(S) attached	? 🗌 YES [X NO
A. PAT. APP. NO.(S) series code/serial no	M#	1ST INVENTOR if not in item 1	B. PATENT NO(S)	M#	1ST INVENTOR if not in item 1
	84575				
	64575				
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5. Name & Address of		respondence	6. NUMBER INVOLVE	D:	
	Party to Whom Corn at Should be Mailed	respondence I:	6. NUMBER INVOLVE APPLNS <u>1</u> + PATS		
W. Warren Taltavull Manelli, Denison & Selte	Party to Whom Corn at Should be Mailed	respondence ::		5: = TOTAL <u>1</u>	de 581)
W. Warren Taltavull Maneili, Denison & Selt Seventh Floor 2000 M Street, N.W.	Party to Whom Corn th Should be Mailed er, PLLC	respondence I:	APPLNS <u>1</u> + PATS	: <u> </u>	de 581)
W. Warren Taltavull Manelli, Denison & Selte Seventh Floor	Party to Whom Corn t Should be Mailed er, PLLC 6	respondence :	APPLNS <u>1</u> + PATS 7. AMOUNT OF FEE ABOVE TOTAL X \$ 8. IF ABOVE FEE IS CHARGE INSUFFICIE	5: = TOTAL <u>1</u> ENCLOSED: (Co 40 = \$ 40 MISSING OR INA	DEQUATE
W. Warren Taltavull Maneili, Denison & Selto Seventh Floor 2000 M Street, N.W. Washington, D.C. 2003 5.5 ATTY DKT:WW	Party to Whom Corn th Should be Mailed er, PLLC 6 /T/		APPLNS <u>1</u> + PATS 7. AMOUNT OF FEE ABOVE TOTAL X \$ 8. IF ABOVE FEE IS I CHARGE INSUFFICIE NUMBER: 50-0687	5: = TOTAL <u>1</u> ENCLOSED: (Co 40 = \$ 40 MISSING OR INA	DEQUATE IT ACCOUNT
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W. Warren Taltavull Maneili, Denison & Selto Seventh Floor 2000 M Street, N.W. Washington, D.C. 2003 5.5 ATTY DKT:WW 84575 MATTER NO. 9. STATEMENT AND S To the best of my kpt copy of the original doc Signature	Party to Whom Corn at Should be Mailed er, PLLC 6 /T/ 2 CL	2866 Gnn IENT REF. the foregoing infor	APPLNS <u>1</u> + PATS 7. AMOUNT OF FEE ABOVE TOTAL X \$ 8. IF ABOVE FEE IS I CHARGE INSUFFICIE NUMBER: 50-0687 UNDER ORDER NO dup. sheet not required mation is true and correct otal number of pages in sheet, attachments and ot file dup. Cover sheet)	E: = TOTAL <u>1</u> ENCLOSED: (Co 40 = \$ 40 MISSING OR INA NCY TO DEPOS CLIENT NO. Ect and any attach	DEQUATE IT ACCOUNT 84575 MATTER NO. ed copy is a true
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W. Warren Taltavull Maneili, Denison & Selto Seventh Floor 2000 M Street, N.W. Washington, D.C. 2003 5.5 ATTY DKT:WW 84575 MATTER NO. 9. STATEMENT AND S To the best of my kn copy of the original doc Signature Attorney: W. Warren	Party to Whom Corn th Should be Mailed er, PLLC 6 /T/ 2 CL CL CL CL CL CL CL CL CL CL	2866 Gnn IENT REF. the foregoing infor 10. T cover (do n	APPLNS <u>1</u> + PATS 7. AMOUNT OF FEE ABOVE TOTAL X \$ 8. IF ABOVE FEE IS I CHARGE INSUFFICIE NUMBER: 50-0687 UNDER ORDER NO dup. sheet not required mation is true and correct otal number of pages in sheet, attachments and ot file dup. Cover sheet) Date: Februa	E: = TOTAL <u>1</u> ENCLOSED: (Co 40 = \$ 40 MISSING OR INA NCY TO DEPOS CLIENT NO. Ect and any attach	DEQUATE IT ACCOUNT 84575 MATTER NO. ed copy is a true

PATENT REEL: 012610 FRAME: 0853

Page 1 of 2

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USA Patent Appln. Sole or Joint

For Inventions			
executed with	or after	applic	ation

Atty. Dkt. 73155 2547 MH

Client Ref.

NONPROVISIONAL

Manelli, Denison & Selfer PLLC 2000 M Street N.W. 7th Floor <u>Washington, D.C. 20036</u> NONPROVISIONAL

ASSIGNMENT **OF NONPROVISIONAL APPLICATION**

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to the undersigned, to wit:

INSERT NAME(S) OF **INVENTOR(S)**

⁽¹⁾ David William Barrett	(4)
(2)	(5)
(3)	[] X box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

Rolls-Royce plc, a British Company of INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES) 65 Buckingham Gate London SW1E 6AT England

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF INVENTION	GAS		IGINE G		ANE				
For which the undersigned executed an application for Letters Patent of the United States of America								America:	
NOTE		(A) Kreven da	ite herewit	th					
(COMPLETE		(B) [] on						_	
LINES A,B, AND/C	RC)	(C) [] in U.S.	Applicatio	n No	/		_ filed		
Patents and Trasuccessors, as application shares the successors, as title in and to the <u>NOTE</u> $\rightarrow \rightarrow$ insert hereon a	AND the ademarks signs and l hereina AND the signs and e inventio The und ny furthe	e undersigned I s to issue said I d legal represer fter act on beha e undersigned I d legal represer on hereby trans dersigned heret r identification r	nereby aut Letters Pa Itatives; th alf of said , nereby agr Itatives, de ferred. by authoriz necessary	thorize(s) tent to the ne undersi ASSIGNE ree(s) to to eemed es ze(s) Man or desiral	and reques said ASS gned agree E; sstify and e sential by / elli, Deniso ole for reco	et(s) the Unit GNEE, for it e(s) that the execute any ASSIGNEE t n & Selter P rdation of th	ed States C is interest as attorney of r papers for A o ASSIGNE LLC, of the a is document	ommissioner of s ASSIGNEE, it: ecord in said SSIGNEE, its E'S full protecti above address	s on and to
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IF ADDITIONAL INVENTORS, check box [] and continue on page 2.

PATENT REEL: 012610 FRAME: 0854

RECORDED: 02/21/2002