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SIR: PLEASE RECOR	D THE ATTACHED	ORIGINAL DOCU	MENTS OR COPY THE	REOF.			
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 ANTHONY GORDO IAN COLIN DEUCH 	ON RAZZELL	124/12	3. JOAH JAMES ANTH	HONY CULLEN	2. C. S. C.		
ADDITIONAL NAME(S)		011100	CHED? YES	XNC	(691)		
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NAME: Rolls-Royce plc	, a British Company	/					
ADDRESS: 65 Bucking	nham Gate, London	SW1E 6AT, Engla	and				
ADDITIONAL NAME(S)	& ADDRESS(ES)	ATTACHED?	YES	x	NO		
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4. EXECUTION DATE(SEE ATTY!):	S) ON THE DECLA	RATION <u>IF</u> FILEO	HEREWITH: (NOTE: II	F DATES ↑↓ DIF	FER		
4.5 APPL. NO.(S) OR F		IDS ON ADDITION	IAL SHEET(S) attached	2 VEC			
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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		
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W. Warren Taltavull Manelli, Denison & Selte	er PLLC		7. AMOUNT OF FEE ENCLOSED: (Code 581)				
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Attorney: W. Warrer	n Taitavull	<u> </u>		·			
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2547

Client Ref.

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

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

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)

Anthony Gordon Razzell	(4)
lan Colin Deuchar Care	(5)
John James Anthony Cullen	[] 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:

INSERT NAME(S) OF	
NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	

Rolls-Royce plc, a British Company of	
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

SHAFT BEARINGS				
SHALL BEARINGS		 		

For which the undersigned executed an application for Letters Patent of the United States of America:

NI		
	 	4

(A) we even date herewith

(COMPLETE

(B) [] on]

LINES A,B, AND/OR C)

(C) [] in U.S. Application No.

_	filed		

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE

The undersigned hereby authorize(s) Manelli, Denison & Selter PLLC, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	INVENTOR(S)					
1)	Antho	na G-A	Razzell Razzell			
Name:	Anthony	Gerdon	Razzell			
2)	- Isan	CD.	Carno r Care			
Name:	Tan Colin	Deucha	r Care			
	ο.		~ Oa			

WITNESSES

J. A. Name: John James Anthony Cullen

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

PATENT REEL: 013414 FRAME: 0588

RECORDED: 10/24/2002