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Name of conveying parties:  1) Neil K. HASTILOW  2) Paul N. BENNETT  Additional name(s) of conveying party(ies) attached?  ☐ Yes ☒ No  Nature of conveyance:  Assignment ☐ Merger  Security Agreement ☐ Change of Name  Other  Execution Date: 1) September 24, 2004 and 2) September 28, 2004	2. A. Name and address of receiving party: ROLLS-ROYCE PLC 65 BUCKINGHAM GATE, LONDON SW1E 6AT, GREAT BRITAIN  B. Additional name(s) & address(es) attached?  ☐Yes ☐ No				
Nature of conveyance:  Assignment					
Assignment					
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This document is being filed together with a new applica					
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Patent Application No.(s)	B. Patent No.(s)				
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Title of Application: <u>IMPROVEMENTS IN DRILLING</u>	<u>G</u>				
ame and address of party to whom correspondence oncerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: <u>James A, Oliff</u>	7. A. Total fee (37 CFR 3.41)\$ 40.00				
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## ASSIGNMENT

		(1)	Neil K HASTILOW	(5)	·		
(1-8)	Insert	(2)	Paul N BENNETT	(6)			
	Name(s) of Inventor(s)	(3)		(7)			
		(4)		(8)			
		to eac	In consideration of the sum of on the undersigned, each undersigned.		• •		
(9)	Insert Name of Assignee	(9)	Rolls-Royce pic				
(10)	Insert Address of Assignee	(10)	0) 65 Buckingham Gate, London SW1E 6AT, Great Britain				
		the en invent contin	nafter designated as the Assignce tire right, title and interest for the tion, and in all applications for pa uation, international, confirmatio tions, reissues and reexamination	United States of Americ atent including any and a on, substitute and reissue	a as defined in 35 U.S.C. §10 Il provisional, nonprovisiona application(s), and all Letters	00, in the Il, divisional, S Patent,	
(11)	Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	Improvements in Drilling				
		(Attor					
	Application Number	(Attorney Docket No.  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 Application	(12)	on		· · · · · · · · · · · · · · · · · · ·		
(13)	Alternative Identification for filed applications	(13) filed	U.S. application Serial Numbe			<u></u>	
application any application any application and agreements full right and agree identified	tions and patents as the Assig  2) Each undersigned agrees offication or continuation or diffication or continuation or diffication or continuation or diffication as Each undersigned agrees ination a grant of a valid Unit 5) Each undersigned author of the United States resulting at to convey the entire interest ces that this assignment is bir 6) Each undersigned hereby	mee may s to exect vision the n obtaini s to exect onal Conv set States rizes and g from sa t herein a nding on y grants t	ute all papers necessary in conne ereof, or any patent or reissue all ng evidence and going forward we te all papers and documents and evention for Protection of Industream form all affirmative acts which me	ection with any interfere pplication based thereor with such interference. d perform any act which ial Property or similar a ay be necessary to obtain the U.S. Patent and Tradignee, as Assignee of the couted, and will not execsigns and legal represence. PLC the power to insert	nce which may be declared in for the invention, and to commay be necessary in connegreements.  In may be necessary in connegreements.  In maintain or confirm by remark Office to issue any are entire interest, and covenants, any agreements in confintatives.  In this assignment any furnity is the invention of the confintatives.	concerning coperate with ection with eissue or and all Letters ints that he has flict herewith,	
	In witness whereof, execut	ed by th	e undersigned on the date(s) o	opposite the undersign	ed name(s).		
Date	24/9/04		Inventor Signature	- Sel Hard	<del></del>	(SEAL)	
Date	28/9/04		Inventor Signature	- Wine	<del>X</del> 77 ,	(SEAL)	
neither,			e signed before: (a) a Notary Pu st two witnesses who also sign h		(b) a U.S. Consul if outsid	e the U.S.A. If	
Date	24/09/04		Witness	For N K Hastilow	Makuna		
Date	24/09/04		Witness	For N K Hastilow	A CONTRACTOR OF THE PARTY OF TH		
Date	28/09/04	<u> </u>	Witness .	For P N Bennett	Moth	7 /	
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