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	andria, VA 22313-1450		<u> </u>	Attorney Docket No.	143863
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Tota	l number of pages including cover	sheet, attachments, and doc	ument: <u>5</u>		
1.	A. Name of conveying parties:			nd address of receiving p	party:
	(1) David S. WALLACE (2) Jean-Louis GRZESL B. Additional name(s) of convo	AK Bying party(ies) attached?		LS UNDER-EDGE TERSHIRE GL12 8.	JR.
		☐ Yes ⊠ No 			
3.	A. Nature of conveyance:		B. Additio	nal name(s) & address(∈ ∐Yes	es) attached? No
	Assignment	☐ Merger ☐ Change of Name			
	Security Agreement Other: Record to correct dates on an assignment doc recorded on December 15, 2023671/frame 0753 B. Execution Date: (1) Septe (2) September 18, 2008	Assignors' execution ument previously 2009, reel			
4.	A. Patent Application No. 12/	452,078	B. Patent	No.(s)	
		Additional numbers att	ached? 🔲 Yes 🔀	No No	
	C. Title of Application: SUR	FACE SENSOR OFFSE	<u>T</u>		
5.	Name and address of party to wh	nom correspondence mailed:	6. Total number	er of applications and pa	tents involved: 1
	Name: <u>James A. Oliff</u>		7. Please charg (37 CFR 3.4	ge Deposit Account No.	15-0461 the total fee .00.
	Address: OLIFF & BERRIDG P.O. Box 320 Alexandria, VA Phone Number: 703- Fax Number: 703-8	850 . 22320-4850 -836-6400		overpayment or charge a ount number 15-0461.	ny underpayment to
9.	Statement and signature. To the best of my knowledge an the original document. James A. Oliff Regist Matthew C. Barthalow Regist	d belief, the foregoing infor dration No. 27,075 tration No. 60,323		orrect and any attached Date: January 21, 20	

PATENT REEL: 023829 FRAME: 0697

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(1) David S. WALLACE (2) Jean-Louis GRZESIAN B. Additional name(s) of co	nveying party(ies) attached? ☐ Yes ⊠ No	RENISHAW PLC NEW MILLS WOTTON-UNDER-EDGE GLOUCESTERSHIRE GL12 8JR UNITED KINGDOM						
3. A. Nature of conveyance:		B, Additional name(s) & address(es) attached?						
⊠ Assignment	Merger	1,100 24,10						
Security Agreement	Change of Name							
Other	-							
B. Execution Date: (1) Set (2) September 24, 2008	otember 18, 2008;							
4. Mark to the document is being f	4. This document is being filed together with a new application.							
A. Patent Application No.(s)	B. Patent No.(s)						
	Additional numbers attached? ☐ Yes ☒ No							
C. Title of Application: <u>SU</u>	C. Title of Application: SURFACE SENSOR OFFSET							
Name and address of party to concerning document should b	whom correspondence e 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						
		B. Enclosed (Check No. 224918)						
Address: Oliff & Berri P.O. Box 3 Alexandria, VA 2	t0850	Credit any overpayment or charge any underpayment to deposit account number 15-0461.						
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	ind belief, the foregoing inform	mation is true and correct and any attached copy is a true copy of						
In original document. Marillon Last James A. Oliff	Registration No. 27,075							
Matthew C. Barthalow	Registration No. 60,323 Total number of pages i	including cover sheet, attachments, and document: 2						

PATENT REEL: 023829 FRAME: 0698

		ASSIGNMENT	
		(1) David S Wallace (5)	
		(2) Jean-Louis Grzesiak (6)	
(1-8)	Insert Name(s)	(3)(7)	
	of Inventor(s)	(8)	
		It consideration of the sum of one dollar (\$) 00) and other good and valuable consideration paid	d
		to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to	t
(9)	Insert Name of Assignee	(9) RENISHAW plc	_
(10)	Insert Address of Assignee	NEW MILLS, WOTTON-UNDER-EDGE, GLOUCESTERSEIRE, GL12 8-R, (10) UNITED KINGDOM	
		(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as	
		(11) Surface Sensor Offset (PCT/GB2008/002375)	
(11)	Insert Identification	(11)	
	such as Title, Case Number, or Foreign	(Attorney Docket No. 143863	
	Application Number	for which the undersigned has (have) executed an application for patent in the United States of Ameri	ica
		on even date herewith or	
(12)	Insert Date of		
	Signing of Application	(12) on	
	• •	(13) U.S. application Serial Number 12/452,078	
(13)	Alternative Identification for		
	filed applications	filed December 15, 2009	_
applica any app the Ass claims reexam Patents full rig and agr identifi	applications for the inventications and patents as the Assi 2) Each undersigned agreelication or continuation or cignee in every way possible 3) Each undersigned agree or provisions of the Internat 4) Each undersigned agreeination a grant of a valid Un 5) Each undersigned authof the United States resulting to convey the entire intercrees that this assignment is b 6) Each undersigned here cation that may be necessarition of this document.	es to execute all papers necessary in connection with any interference, for the invention, and to cooperate with no obtaining evidence and going forward with such interference, in obtaining evidence and going forward with such interference, so to execute all papers and documents and perform any act which may be necessary in connection with ional Convention for Protection of Industrial Property or similar agreements. The set to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or noticed States patent to the Assignee. The object is any and all Letter agreements and application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has not executed, and will not execute, any agreements in conflict herewith inding on him and his heirs, successors, assigns and legal representatives. The object is the invention, and to cooperate with interference, for the invention, and to cooperate with in obtaining the invention of the invention, and to cooperate with the invention, and to cooperate with in obtaining the invention. The invention and to cooperate with the invention, and to cooperate with in obtaining the invention, and to cooperate with the invention, and to cooperate with the invention, and to cooperate with interference.	rs has
	· · · · · · · · · · · · · · · · · · ·	uted by the undersigned on the date(s) opposite the undersigned name(s).	
Date	18 Sept 2008	Inventor Signature (SEAL)	
Date	14 Sept 20		
Date		Inventor Signature(SEAL)	
Date		Inventor Signature (SEAL)	
Date		Inventor Signature (SEAL)	
Date		Inventor Signature (SEAL)	
•	, then it should be signed be	referably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. (for at least two witnesses who also sign here:	. I
Date	211th S20+	2008 Witness Stitcher	_
Date	~ TUI	Witness	-
Date _			
Date	-	Witness	

PATENT REEL: 023829 FRAME: 0699