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U.S. DEPARTMENT OF COMMERCE Mail Stop: 03-10-2005 Patent and Trademark Office Assignment Recordation Services Director of the U.S. Patent and Trademark Office 10/471403 P.O. Box 1450 102858033 Alexandria, VA 22313-1450 Attorney Docket No. 117105 Please record the attached original document or copy thereof. Name of conveying party: Alexander T SUTHERLAND Name and address of receiving party: RENISHAW PLC NEW MILLS, WOTTON-UNDER-EDGE, GLOUCESTERSHIRE GL12 8JR UNITED KNIGDOM В. Additional name(s) of conveying party(ies) attached? ☐ Yes 🖾 No Additional name(s) & address(es) attached? 3. A. Nature of conveyance: □Yc5 ⊠ No Assignment ☐ Merger ☐ Change of Name Security Agreement Other Execution Date: March 15, 2002 If this document is being filed together with anew application, the execution date of the application is: March 15, 2002 Patent Application No.(s) C. Patent No.(s) Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning decument should be mailed: Name: James A. Oliff Total fee (37 CFR 3.41)......\$ 40.00 B. Enclosed (Check No. 146157) Address: OLIFF & BERRIDGE, PLC Credit any overpayment or charge any underpayment to P.O. Box 19928 Alexandria, VA 22320 deposit account number 15-0461. Statement and signature To the best of my knowledge and Hellef, the foregoing information is true and correct and any attached copy is a true copy of the original document. Date: September 11, 2003 James A. Oliff Registration No. 27,075 Thomas J. Pardini Registration No. 30,411

Total number of pages including cover sheet, attachments, and document: 2

PATENT REEL: 015768 FRAME: 0662

			ASSIGNMENT	
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(1-8)	Insert	(2)	(б)	
	Name(5) of inventor(s)	(3)	(7)	
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			consideration of the sum of one dollar (\$1.00) and other good and valuable consideration of the sum of one dollar (\$1.00) and other good and valuable consideration of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer a	m paid
(9)	Insert Name of		RENISHAW PLC	
(10)	Assignee Insert Address of Assignee		NEW MILLS, WOTTON-UNDER-EDGE, GLOUCESTERSHIRE GL12 8JR JNITED KINGDOM	
		the entire invention divisional	ter designated as the Assignee) and Assignee's heirs, successors, assigns and legal represent right, title and interest for the United States of America as defined in 35 U.S.C. § 100, in and in all applications for patent including any and all provisional, non-provisional, it continuation, substitute, and reissue application(s), and all Letters Patent, extensions, and reexamination certificates that may be granted on the invention known as	in the
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	Identification such as Title, Case Number, or Foreign Application Number		(495WO)	
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	for which the undersigned has (have) executed an application for patent in the United Sport even date herewith or			merie
(12)	Insert Date of Signing of Application	(12) on	MARCH 15, 2002	
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