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Washington, D.C. 20231	Attorney Docket No. JAO 39681
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A. Name of conveying party(ies): David K. THOMAS Franz A. BIERBRAUER	A. Name and address of receiving party(ies): RENISHAW plc New Mills, Wotton-Under-Edge
D. 28-97 B. Additional name(s) of conveying party(ies) attached?	Gloucestershire GL12 8JR, United Kingdom 01 - 25 - 1999
Yes No	100947425
A. Nature of conveyance: X Assignment	B. Additional name(s) & address(es) attached? ☐ Yes ☑ No
B. Execution Date: 1. May 21, 1997 2. June 3, 1997	
4. A. If this document is being filed together with a new applica	tion, the execution date of the application is:
B. Patent Application No. 08/836,020 D. Additional numbers a	C. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:1
Name: <u>James A. Oliff</u>	7. A. Total fee (37 CFR 3.41)\$ 40 B. Enclosed (Check No. <u>56083</u>)
Address: OLIFF & BERRIDGE, P.L.C. P.O. Box 19928 Alexandria, VA 22320	Credit any overpayment or charge any underpayment to deposit account number 15-0461.
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James A. Oliff Registration No. 27,075 Caroline D. Dennison Registration No. 34,494	ing information is true and correct and any attached copy Date: October 28, 1997
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ASSIGNMENT

		(1)	David	K	Thomas		(5)			
(1-8) Insert	\ Ingert	(2)	Franz	z A J	Bierbrai	ıer	(6) _			
(1-0	Name(s) of Inventor(s)	(3)					(7) _			and
	Inventor (B)	(4)					(8) _			
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ASSIGNMENT

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Name(s) of Inventor(s)		an
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(9) Insert Name	In consideration of the sum of one doll other good and valuable considerations paid to each signed, the undersigned agree(s) to assign, a assign, transfer and set over to	lar (\$1.00) an th of the under nd hereby doe
of Assignee (10) Insert Address	(9) Renishaw plc	
of Assignee	(10) New Mills, Wotton-Under-Edge, Goucestershir United Kingdom	e GL12 8JR,
	(hereinafter designated as the Assignee) the enti- and interest for the United States of America as U.S.C. \$100, in the invention, and in all applicat- including any and all divisions, continuations, s- reissues, and all Letters Patent, extensions, reexamination certificates that may be granted or known as	ions for paten
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Title, Case Num or Foreign Appl cation Number	nber	
	for which the undersigned has (have) executed an a patent in the United States of America	application for
(12) Insert Date of Signing of		
Application	(12) on	
(13) Alternative Identification	(13) U.S. application Serial Number 08/836,020	
for filed applications		
which may be necessary convention for Protect 4) The undersigned to obtain, maintain States patent to the 5) The undersigned to issue any and all lor any divisional, confident to the entire interest the entire interest the entire any and and the entire any area.	gned agree(s) to execute all papers necessary in connection tinuing, divisional or reissue applications for the graph thereon, and also to execute separate assignments in or deparents as the Assignee may deem necessary. In connection agree(s) to execute all papers necessary in connection or reissue application based thereon, and to coop way possible in obtaining evidence and going forway possible in obtaining evidence and going forway in connection with claims or provisions of the carry in connection with claims or provisions of the carry in connection with claims or provisions of the carry in connection with claims or provisions of the carry in connection with claims or provisions of the carry in connection with claims or provisions of the carry in confirm by reissue or reexamination a grant of a Assignee, gned agree(s) to perform all affirmative acts which may or confirm by reissue or reexamination a grant of a Assignee, gned hereby authorize(s) and request(s) the Commission Letters Patents of the United States resulting from sa continuing or reissue applications to the said Assignest, and hereby covenants that he has (they have) full reference assigned, and that he has (they have) not exercise ments in conflict herewith. Since the United States Patent and Trademark Office for the property of the United States Patent and Trademark Office for the patents of the United States Patent and Trademark Office for the patents and the patents of the United States Patent and Trademark Office for the patents and the patents and Trademark Office for the patents and the patents and Trademark Office for the patents and the patents and Trademark Office for the patents and Trademark Office for the patents and the patents and Trademark Office for the patents and Trademark	erform any act International y be necessary a valid United ner of Patents id application e, as Assignee ight to convey uted, and will
In witness wher undersigned name(s).	reof, executed by the undersigned on the date(s)	opposite the
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Date	Name of Inventor	
	Name of Inventor	
Date	Name of Inventor	(SEAL)
This assignment s U.S.A. (b) a U.S. Cor before at least two wi	should preferably be signed before: (a) a Notary Public nsul if outside the U.S.A. If neither, then it sho ritnesses who also sign here:	if within the uld be signed
Date Care	Z Witness Puga Buntro	

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	3.	This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our Check No in the amount of \$130.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please credit or debit Deposit Account No. 15-0461 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
		a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
		b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
\boxtimes	4. specifi	Relevance of the non-English language references is discussed in the present cation. Respectfully submitted,
		Caroline D. Danni
		James A. Oliff
		Registration No. 27,075

Caroline D. Dennison Registration No. 34,494

OLIFF & BERRIDGE, P.L.C. P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400

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