



To the Assistant Commissioner for Patents, please record the attached original document or copy thereof.

1. A. Name of conveying party(ies):

- 1. David K. THOMAS
- 2. Franz A. BIERBRAUER

10.28.97

B. Additional name(s) of conveying party(ies) attached?
 Yes No

2. A. Name and address of receiving party(ies):

RENISHAW plc
New Mills, Wotton-Under-Edge
Gloucestershire GL12 8JR, United Kingdom

01-25-1999



100947425

3. A. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

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 application, the execution date of the application is: _____

B. Patent Application No. 08/836,020

C. Patent No.(s) _____

D. Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, P.L.C.**
P.O. Box 19928
Alexandria, VA 22320

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41)..... \$ 40

B. Enclosed (Check No. 56083)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

01/21/1999 M/SUYEN 00000155 08836020

01 FC:581

40.00 DP

9. **Statement and signature.**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Caroline D. Dennison
James A. Oliff Registration No. 27,075
Caroline D. Dennison Registration No. 34,494

Date: October 28, 1997

Total number of pages including cover sheet, attachments, and document: 3

**DEPOSIT ACCOUNT USE
AUTHORIZATION**

Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) David K Thomas (5) _____
(2) Franz A Bierbrauer (6) _____
(3) _____ (7) _____ and
(4) _____ (8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) Renishaw plc
(10) Insert Address of Assignee (10) New Mills, Wotton-Under-Edge, Gloucestershire GL12 8JR, United Kingdom

(hereinafter designated as the 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 in all applications for patent including any and all divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number (11) Magnetic Retaining Apparatus
(Case No. _____)
(Our Ref. _____)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12) on _____

(13) Alternative Identification for filed applications (13) U.S. application Serial Number 08/836,020
filed May 23, 1997

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof, or any patent or reissue application based thereon, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisional, continuing or reissue applications to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date May 21 1997 Name of Inventor David K. Thomas (SEAL)
Date _____ Name of Inventor _____ (SEAL)
Date _____ Name of Inventor _____ (SEAL)
Date _____ Name of Inventor _____ (SEAL)
Date _____ Name of Inventor _____ (SEAL)
Date _____ Name of Inventor _____ (SEAL)
Date _____ Name of Inventor _____ (SEAL)
Date _____ Name of Inventor _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date May 21st 1997 Witness Anne W. Vernall-Smith
Date _____ Witness _____

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) David K Thomas (5) (2) Franz A Bierbrauer (6) (3) (7) and (4) (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) Renishaw plc (10) Insert Address of Assignee (10) New Mills, Wotton-Under-Edge, Gloucestershire GL12 8JR, United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest in 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 divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification, such as Title, Case Number or Foreign Application Number (11) Magnetic Retaining Apparatus (Case No. Our Ref.)

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(13) Alternative Identification for filed applications (13) U.S. application Serial Number 08/836,020 filed May 23, 1997

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date June 03, 1997 Name of Inventor Franz A Bierbrauer (SEAL) Date Name of Inventor (SEAL) Date Name of Inventor (SEAL) Date Name of Inventor (SEAL) Date Name of Inventor (SEAL) Date Name of Inventor (SEAL) Date Name of Inventor (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date June 03, 1997 Witness Helga Bierbrauer Date Witness

- 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).
- 4. Relevance of the non-English language references is discussed in the present specification.

Respectfully submitted,

Caroline D. Dennison

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
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DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fees due to our
Deposit Account No. 15-0461