

FORM PTO-1596

03-17-1999



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

| Docket No.: 50018-047  | 0984756  |  |  |  |
|--|--|--|--|--|
|  | : Please record the attached original documents or copy thereto:   |  |  |  |
| 1. Name of Conveying Parties:  | 2. Name and address of receiving party:  |  |  |  |
| Richard Michael GOOCH, Timothy Alan CLARKE, Grant  | Name: Thames Water Utilities Limited   |  |  |  |
| Andrew OCKLESTON, and Clive HATCH  |  |  |  |  |
| ,  | Address: Nugent House, Vastern Road  |  |  |  |
| Additional name(s) of conveying party(ies) attached? \( \subseteq \text{Yes} \)  |  |  |  |  |
| 3. Nature of Conveyance: 3 - 13 - 99   | Reading, Berks. RG1 8DB, Great Britain   |  |  |  |
|  | 3,   |  |  |  |
| Security Agreement Change of Name  |  |  |  |  |
| Other  |  |  |  |  |
| Execution Date: February 18, February 22 and February 16,  |  |  |  |  |
| 1999   |  |  |  |  |
|  | Additional name(s) & address(es) attached? Yes   |  |  |  |
| 4. Application number(s) or patent number(s):  |  |  |  |  |
| If the document is being filed together with a new application,  | the execution date of the application is:  |  |  |  |
| A. Patent Application No(s).   | B. Patent No(s).   |  |  |  |
| 09/151,268, filed September 11, 1998   |  |  |  |  |
|  |  |  |  |  |
| Additional numb  | pers attached? Yes   |  |  |  |
| 5. Name and address of party to whom correspondence  | 6 Total mumber of applications and metants investoral  |  |  |  |
|  | 6. Total number of applications and patents involved:  |  |  |  |
| concerning document should be mailed:  |  |  |  |  |
| concerning document should be mailed:  Name: MCDERMOTT, WILL & EMERY   | 7. Total fee (37 CFR 3.41) \$40.00   |  |  |  |
| concerning document should be mailed:  |  |  |  |  |
| concerning document should be mailed:  Name: MCDERMOTT, WILL & EMERY  Internal Address:  | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account   |  |  |  |
| concerning document should be mailed:  Name: MCDERMOTT, WILL & EMERY   | 7. Total fee (37 CFR 3.41) \$40.00  Enclosed   |  |  |  |
| concerning document should be mailed:  Name: MCDERMOTT, WILL & EMERY Internal Address:  Street Address: 600 13th Street, N.W.  | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account   |  |  |  |
| concerning document should be mailed:  Name: MCDERMOTT, WILL & EMERY Internal Address:  Street Address: 600 13th Street, N.W.  City: Washington State: DC Zip: 20005 | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit account number:   |  |  |  |
| concerning document should be mailed:  Name: MCDERMOTT, WILL & EMERY Internal Address:  Street Address: 600 13th Street, N.W.  City: Washington State: DC Zip: 20005 | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit account number:  500417   |  |  |  |
| C:581 40.00 CH  Name: MCDERMOTT, WILL & EMERY Internal Address:  Street Address: 600 13th Street, N.W.  Zip: 20005  DO NOT Use 1581                                  | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit account number:   |  |  |  |
| C:581 40.00 CH DO NOT US   | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit account number: 500417  SE THIS SPACE  40€  |  |  |  |
| C:581 40.00 CH DO NOT U:  To the best of my knowledge and belief, the foregoing inf  | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit account number:  500417   |  |  |  |
| C:581 40.00 CH DO NOT US   | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit account number: 500417  SE THIS SPACE  40€  |  |  |  |
| C:581 40.00 CH DO NOT U:  To the best of my knowledge and belief, the foregoing inf  | 7. Total fee (37 CFR 3.41) \$40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account  8. Deposit account number: 500417  SE THIS SPACE  40€  |  |  |  |
| C:581 40.00 CH DO NOT U:  9. Statement and signature.  To the best of my knowledge and belief, the foregoing inf of the original document.                           | 7. Total fee (37 CFR 3.41) \$40.00  Enclosed  Authorized to be charged to deposit account  8. Deposit account number:  500417  SE THIS SPACE  Gormation is true and correct and any attached copy is a true copy |  |  |  |

Docket No.: 50018-047

## **ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

| (1) | Richard Michael GOOCH  | (4) | Clive HATCH |
|-----|------------------------|-----|-------------|
| (2) | Timothy Alan CLARKE    | (5) |             |
| (3) | Grant Andrew OCKLESTON | (6) |             |
|     |                        |     |             |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

Thames Water Utilities Limited
Nugent House, Vastern Road
Reading, Berks. RG1 8DB
GREAT BRITAIN

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

## NON-CONTACT MEASURING APPARATUS

- (a) for which an application for United States Letters Patent was filed on September 11, 1998, and identified by United States Serial No. 09/151,268; or
- (b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

| INVENTORS                    |        | DATE SIGN | ED      |
|------------------------------|--------|-----------|---------|
| Name: Richard Michael GOOCH  |        |           |         |
| Name: Timothy Alan CLARKE    | -1/2 ( | at        | 22/2/99 |
| Name: Grant Andrew OCKLESTON |        |           | 22/2/1/ |
| Name: Clive HATCH            |        |           |         |
| Name:                        |        |           |         |
| Nome                         |        |           |         |

TO

TOTAL P.02

| INVEN |                        | DATE SIGNED | 18/2/99 |
|-------|------------------------|-------------|---------|
|       | Richard Michael GOOCH  |             |         |
| Name: | Timothy Alan CLARKE    |             |         |
| )     | Thindy That Christian  | •           |         |
|       | Grant Andrew OCKLESTON |             |         |
| Name: | Clive HATCH            |             |         |
| )     |                        |             |         |
| Name: |                        |             |         |
| Name: |                        |             |         |

2

| 1)       | INVENTORS                    | <u>, —</u>   | DATE SIGNED |             |
|----------|------------------------------|--------------|-------------|-------------|
| 2)       | Name: Richard Michael GOOCH  |              |             |             |
| 2)<br>3) | Name: Timothy Alan CLARKE    | -aa          | Millell     | 16/02/99    |
| 4)<br>4) | Name: Grant Andrew OCKLESTON |              | · Country   | <del></del> |
| 5)       | Name: Clive HATCH            |              | · ·         | <del></del> |
|          | Name:                        | <del>`</del> |             |             |
| ნ)       | Næne:                        |              |             |             |

| INVENTORS                    | DATE SIGNED |       |
|------------------------------|-------------|-------|
| $\sim$                       |             |       |
| Name: Richard Michael GOOCH  |             |       |
| _                            |             |       |
| Name: Timothy Alan CLARKE    | -           |       |
|                              |             |       |
| Name: Grant Andrew OCKLESTON |             |       |
| //                           | 180 - 1 1   |       |
| Name: Clive HATCH            | XA 11/2/    | acl - |
|                              | 16/2/       | 1-1.  |
| Name:                        |             |       |
|                              |             |       |
| Name:                        |             |       |

**RECORDED: 03/12/1999** 

- ;