

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4349772

|   |                                       |
|---|---------------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                        |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                            |
| <b>CONVEYING PARTY DATA</b>   |                                       |
| <b>Name</b>   | <b>Execution Date</b>                 |
| ROBERT ERNEST TROXLER   | 02/01/2017                            |
| DIRK M. STECKMANN   | 01/23/2017                            |
| DONALD E. WEGER   | 02/17/2017                            |
| <b>RECEIVING PARTY DATA</b>   |                                       |
| <b>Name:</b>  | TROXLER ELECTRONIC LABORATORIES, INC. |
| <b>Street Address:</b>  | 3008 EAST CORNWALLIS ROAD             |
| <b>City:</b>  | RESEARCH TRIANGLE PARK                |
| <b>State/Country:</b>   | NORTH CAROLINA                        |
| <b>Postal Code:</b>   | 27709                                 |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                       |
| <b>Property Type</b>  | <b>Number</b>                         |
| <b>Application Number:</b>  | 15477405                              |
| <b>CORRESPONDENCE DATA</b>  |                                       |
| <b>Fax Number:</b>  | (919)348-2194                         |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                       |
| <b>Phone:</b>   | 9193482194                            |
| <b>Email:</b>   | docket@nkpatentlaw.com                |
| <b>Correspondent Name:</b>  | NK PATENT LAW, PLLC                   |
| <b>Address Line 1:</b>  | 4917 WATERS EDGE DRIVE                |
| <b>Address Line 2:</b>  | SUITE 275                             |
| <b>Address Line 4:</b>  | RALEIGH, NORTH CAROLINA 27606         |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 394/15/2 UTIL                         |
| <b>NAME OF SUBMITTER:</b>   | BRIAN D. MACDONALD                    |
| <b>SIGNATURE:</b>   | /BRIAN D. MACDONALD/                  |
| <b>DATE SIGNED:</b>   | 04/03/2017                            |
| <b>Total Attachments: 8</b>   |                                       |
| source=394-15-2-CON-20170403-DecAndAssignment#page1.tif   |                                       |
| source=394-15-2-CON-20170403-DecAndAssignment#page2.tif   |                                       |
| source=394-15-2-CON-20170403-DecAndAssignment#page3.tif   |                                       |

source=394-15-2-CON-20170403-DecAndAssignment#page4.tif

source=394-15-2-CON-20170403-DecAndAssignment#page5.tif

source=394-15-2-CON-20170403-DecAndAssignment#page6.tif

source=394-15-2-CON-20170403-DecAndAssignment#page7.tif

source=394-15-2-CON-20170403-DecAndAssignment#page8.tif

**PATENT**

**REEL: 041826 FRAME: 0983**

**DECLARATION AND ASSIGNMENT OF RIGHTS**

WHEREAS, the undersigned, **Robert Ernest Troxler, Dirk M. Steckmann and Donald E. Weger**, (hereinafter "Assignor") has invented certain new and useful improvements described in the application(s) identified in Table I.

AND, WHEREAS, **Troxler Electronic Laboratories, Inc.**, having a place of business at 3008 East Cornwallis Road, P.O. Box 12057, Research Triangle Park, NC 27709 (hereinafter "Assignee"), has already acquired an interest in the application(s) identified in Table I by and through an employment or other agreement between Assignor and Assignee. I further authorize an agent of the Assignee to insert the filing date, application number, and any other identifying particulars as required for perfecting these assignment papers.

However, in the avoidance of doubt and as confirmation of the already acquired interest by Assignee, NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, his entire right, title, and interest in and to the invention and application, including the right to sue for past infringements and any other prior occurring rights, provided any such rights exist, and in and to any and all domestic and foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America, and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with his right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor further assigns to Assignee the right to claim entitlement and/or priority to any applications that entitlement or priority may be claimed for this or any later filed application, including the assignment of any provisionals or other priority documents to which the inventions claim priority to. The assignment of the right to claim entitlement and/or priority is executed *nunc pro tunc* and is considered effective as of the filing date of the earliest application to which priority and/or entitlement is claimed.

Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and that he has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds his heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to him relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Furthermore, as a below named inventor (hereinafter designated as the undersigned or the Assignor, where appropriate), I hereby declare that:

The application is as identified by the attorney docket number, title, Filing Date, or Application Title as set forth in the following Table I.

The application in Table I was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the applications in Table I.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

<<<<<<<<

TABLE I and Signature Page follows

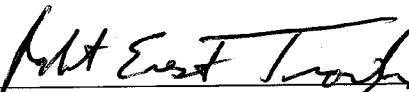
>>>>

394/15 UTIL

TABLE I

| Application No. | Attorney Docket No. | Filing Date | Title   |
|-----------------|---------------------|-------------|---|
| 14/748,171      | 394/15 UTIL         | 2015-06-23  | NUCLEAR GAUGES AND METHODS OF CONFIGURATION AND CALIBRATION OF NUCLEAR GAUGES |
|                 |                     |             |   |

Executed this 1<sup>st</sup> day of Feb, 2017.

  
Robert Ernest Troxler

\_\_\_\_\_  
Dirk M. Steckmann

\_\_\_\_\_  
Donald E. Weger

**DECLARATION AND ASSIGNMENT OF RIGHTS**

WHEREAS, the undersigned, **Robert Ernest Troxler, Dirk M. Steckmann and Donald E. Weger**, (hereinafter "Assignor") has invented certain new and useful improvements described in the application(s) identified in Table I.

AND, WHEREAS, **Troxler Electronic Laboratories, Inc.**, having a place of business at 3008 East Cornwallis Road, P.O. Box 12057, Research Triangle Park, NC 27709 (hereinafter "Assignee"), has already acquired an interest in the application(s) identified in Table I by and through an employment or other agreement between Assignor and Assignee. I further authorize an agent of the Assignee to insert the filing date, application number, and any other identifying particulars as required for perfecting these assignment papers.

However, in the avoidance of doubt and as confirmation of the already acquired interest by Assignee, NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, his entire right, title, and interest in and to the invention and application, including the right to sue for past infringements and any other prior occurring rights, provided any such rights exist, and in and to any and all domestic and foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America, and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with his right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor further assigns to Assignee the right to claim entitlement and/or priority to any applications that entitlement or priority may be claimed for this or any later filed application, including the assignment of any provisionals or other priority documents to which the inventions claim priority to. The assignment of the right to claim entitlement and/or priority is executed *nunc pro tunc* and is considered effective as of the filing date of the earliest application to which priority and/or entitlement is claimed.

Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and that he has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds his heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to him relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Furthermore, as a below named inventor (hereinafter designated as the undersigned or the Assignor, where appropriate), I hereby declare that:

The application is as identified by the attorney docket number, title, Filing Date, or Application Title as set forth in the following Table I.

The application in Table I was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the applications in Table I.

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

<<<<<<<<

TABLE I and Signature Page follows

>>>>

TABLE I

| Application No. | Attorney Docket No. | Filing Date | Title   |
|-----------------|---------------------|-------------|---|
| 14/748,171      | 394/15 UTIL         | 2015-06-23  | NUCLEAR GAUGES AND METHODS OF CONFIGURATION AND CALIBRATION OF NUCLEAR GAUGES |
|                 |                     |             |   |

Executed this 23<sup>rd</sup> day of January, 2017.

Robert Ernest Troxler



Dirk M. Steckmann

Donald E. Weger



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY  
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

|   |  |       |             |
|---|--|-------|-------------|
| <b>Title of<br/>Invention</b>   | NUCLEAR GAUGES AND METHODS OF CONFIGURATION AND CALIBRATION OF<br>NUCLEAR GAUGES |       |             |
| This statement is directed to:  |  |       |             |
| <input type="checkbox"/> The attached application,  |  |       |             |
| OR  |  |       |             |
| <input checked="" type="checkbox"/> United States application or PCT international application number <u>14/748,171</u> filed on <u>6/23/2015</u>                                 |  |       |             |
| <b>LEGAL NAME of inventor to whom this substitute statement applies:</b>  |  |       |             |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname)   |  |       |             |
| Donald E. Weger   |  |       |             |
| Residence (except for a deceased or legally incapacitated inventor):  |  |       |             |
| City  | Wendell  | State | NC US       |
| Country   |  |       |             |
| Mailing Address (except for a deceased or legally incapacitated inventor):  |  |       |             |
| 3008 East Cornwallis Road, P.O. Box 12057   |  |       |             |
| City  | Research Triangle Park   | State | NC 27709 US |
| Country   |  |       |             |
| I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.                         |  |       |             |
| The above-identified application was made or authorized to be made by me.   |  |       |             |
| I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. |  |       |             |
| Relationship to the inventor to whom this substitute statement applies:   |  |       |             |
| <input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),  |  |       |             |
| <input checked="" type="checkbox"/> Assignee,   |  |       |             |
| <input type="checkbox"/> Person to whom the inventor is under an obligation to assign,  |  |       |             |
| <input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or                                  |  |       |             |
| <input type="checkbox"/> Joint Inventor.  |  |       |             |

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT**

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,  
☐ Inventor is under legal incapacity,  
☒ Inventor cannot be found or reached after diligent effort, or  
☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

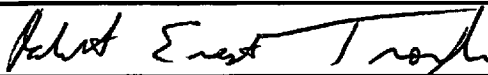
- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.  
OR  
☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

**PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**Name: **Robert Ernest Troxler**Date (Optional): **2-17-17**

Signature:

**APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

**Troxler Electronic Laboratories, Inc.**

Applicant Name:

Title of Person Executing This Substitute Statement: **Director of Advanced Technologies**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

**Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):**City **Research Triangle Park** State **NC** Country **US****Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)****3008 East Cornwallis Road, P.O. Box 12057**City **Research Triangle Park** State **NC** Zip **27709** Country **US**

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.