

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILLIAM FERNEAU ENGLISH II	07/27/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS INC.
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<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01876
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15964035
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<b>ATTORNEY DOCKET NUMBER:</b>	TP20165US1-NAT
<b>NAME OF SUBMITTER:</b>	GAIL WARDWELL
<b>SIGNATURE:</b>	/Gail Wardwell/
<b>DATE SIGNED:</b>	07/02/2018
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS I, William Ferneau ENGLISH, II of c/o Thermo Fisher Scientific, 320 El Pueblo Road, Scotts Valley, California 95066 have invented certain new and useful improvements, entitled TARGET GEOMETRY FOR SMALL SPOT X-RAY TUBE for which invention I have executed an application for Letters Patent in the United States that was filed on April 28, 2017 with the U.S. Patent and Trademark Office as Serial No. 62/491,606 which discloses and identifies the invention.

Whereas, THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS INC., a corporation formed in the State of Delaware, having a place of business at 2 Radcliff Road, Tewksbury, Massachusetts 01876, (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefor;

Now, therefore, for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, I hereby sell, assign, and set over unto the assignee and said assignee's successors, assigns, and designees, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee.


I hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of my said application or any other information that 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.

Upon said consideration, I convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and I do hereby covenant and agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents; and that I will at any time upon request, at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, continuation, continuation-in-part, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such application or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

I hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.

  
William Ferneau ENGLISH, II

Date: 07/21/2017

  
THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS INC.  
Name: D. A. Planchet  
Title: VP/GM - PAI  
Date: 8/24/17

State of \_\_\_\_\_ :

County of \_\_\_\_\_ :

On \_\_\_\_\_ before me, \_\_\_\_\_,

NOTARY PUBLIC, personally appeared William Ferneau ENGLISH, II who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of \_\_\_\_\_ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: \_\_\_\_\_

My commission expires: 12/3/2017

(Seal)

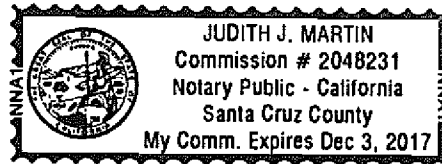
*see attached California All-Purpose  
Acknowledgement.*

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

A Notary Public or other Officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA  
COUNTY OF SANTA CRUZ

}  
} ss.  
}



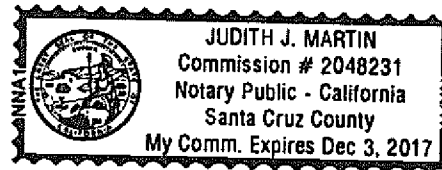
On July 27, 2017 before me, Judith J. Martin, a Notary Public, personally appeared William Fernau English, II who proved on the basis of satisfactory evidence to be the person(s) whose name(s) is/are attached to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the forgoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Judith J. Martin



This area for official notarial seal.

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

### DESCRIPTION OF ATTACHED DOCUMENT

Title or Type of Document: Assignment Attorney Docked  
number TP 20165P1 / NAT  
Document Date: 7/27/2017 Number of Pages: 3