

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5539913

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PEIDONG WANG	12/17/2015
RONG SUN	01/12/2016
BRENDAN FALVEY	12/17/2015
HAOWEN LI	12/17/2015
YU SHEN	12/22/2015
MICHEAL E. DUGAS	12/17/2015
RECEIVING PARTY DATA	
Name:	THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS, INC.
Street Address:	2 RADCLIFF ROAD
City:	TEWKSBURY
State/Country:	MASSACHUSETTS
Postal Code:	01876
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16421888
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	408-965-6000
Email:	PatentDocketing@thermofisher.com
Correspondent Name:	THERMO FINNIGAN LLC ATTN: IP LEGAL DEPT.
Address Line 1:	355 RIVER OAKS PARKWAY
Address Line 4:	SAN JOSE, CALIFORNIA 95134
ATTORNEY DOCKET NUMBER:	TP18799US2
NAME OF SUBMITTER:	AMANDA IVEY
SIGNATURE:	/Amanda Ivey/
DATE SIGNED:	05/24/2019
Total Attachments: 8	

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ASSIGNMENT

WHEREAS WE, Peidong WANG of 225 Davis Road, Carlisle, Massachusetts 01741; Rong SUN of 12 New Meadows Road, Winchester, Massachusetts 01890; Brendan FALVEY of 139 Nichols Street, Wilmington, Massachusetts 01887; Haowen LI of 23 Emerson Gardens, Lexington, Massachusetts 02420; Yu SHEN of 26 Wilton Street, Waltham, Massachusetts 02453, and Michael E. DUGAS of 20 Tanager Way, Londonderry, New Hampshire 03053, have invented certain new and useful improvements, entitled PORTABLE LASER INDUCED BREAKDOWN SPECTROSCOPY SYSTEMS for which invention we have executed an application for Letters Patent in the United States that was filed on July 20, 2015 with the U.S. Patent and Trademark Office as Serial No. 62/194,493 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, we 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee.

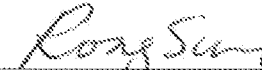
We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we 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 we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we 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.

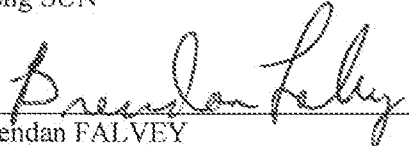
We hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.


Peidong WANG

Date: 12/17/2015


Rong SUN


Date: 1/2/2016


Brendan FALVEY


Date: 12/17/2015


Haowen LI

Date: 12/17/2015


Yu SHEN

Date: 12/22/2015


Michael E. DUGAS

Date: 12/17/2015


THERMO SCIENTIFIC PORTABLE ANALYTICAL INSTRUMENTS INC.

Name: Jon C. Abraham

Title: Patent Attorney

Date: 1-13-2016

State of Massachusetts :

County of Middlesex :

On December 17, 2015 before me, William R. McCarthy, III,
NOTARY PUBLIC, personally appeared Peidong WANG 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.

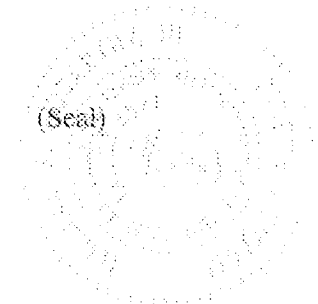
I certify under PENALTY OF PERJURY under the laws of the State of Massachusetts
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



WILLIAM R. MCCARTHY, III
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires
January 22, 2021

Signature: [Handwritten Signature]
My commission expires: January 22, 2021



State of Massachusetts :

County of Middlesex :

On January 12, 2016 before me, William R. McCarthy III,

NOTARY PUBLIC, personally appeared Rong SUN 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.

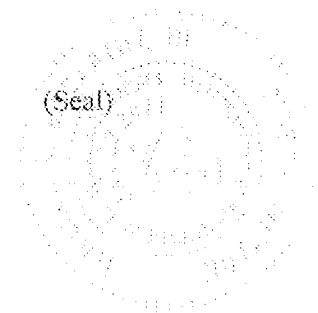
I certify under PENALTY OF PERJURY under the laws of the State of Massachusetts that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



WILLIAM R. MCCARTHY, III
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires
January 22, 2021

Signature: [Handwritten Signature]
My commission expires: January 22, 2021



State of Massachusetts :

County of Middlesex :

On December 17, 2015 before me, William R. McCarthy, III
NOTARY PUBLIC, personally appeared Brendan FALVEY 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 Massachusetts
that the foregoing paragraph is true and correct.

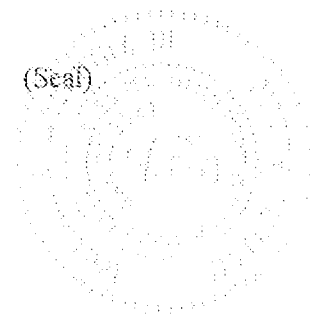
WITNESS my hand and official seal.



WILLIAM R. MCCARTHY, III
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires
January 22, 2021

Signature: [Signature]
My commission expires: January 22, 2021

(Seal)



State of Massachusetts :

County of Middlesex :

On December 17, 2015 before me, William R. McCarthy III,

NOTARY PUBLIC, personally appeared Hao wen LI 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 Massachusetts that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



WILLIAM R. MCCARTHY, III
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires
January 22, 2021

Signature: [Handwritten Signature]
My commission expires: January 22, 2021

(Seal)

State of Massachusetts :

County of Middlesex :

On December 22, 2015 before me, William R. McCarthy III,
NOTARY PUBLIC, personally appeared Yu SHEN 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.

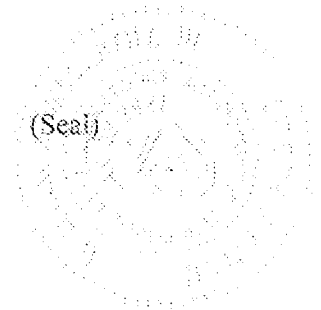
I certify under PENALTY OF PERJURY under the laws of the State of Massachusetts
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



WILLIAM R. MCCARTHY, III
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires
January 22, 2021

Signature: [Signature]
My commission expires: January 22, 2021



State of Massachusetts :

County of Middlesex :

On December 17, 2015 before me, William R. McCarthy, III,
NOTARY PUBLIC, personally appeared Michael E. DUGAS 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 Massachusetts
that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



WILLIAM R. MCCARTHY, III
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires
January 22, 2021

Signature: [Handwritten Signature]
My commission expires: January 22, 2021

