#### 505104764 09/20/2018

# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5151523

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SCOTT T. QUARMBY	07/31/2017
JOSHUA T. MAZE	08/03/2017
NATHANIEL L. SANDERS	07/28/2017

### **RECEIVING PARTY DATA**

Name:	Thermo Finnigan LLC	
Street Address:	355 River Oaks Parkway	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95134	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16056120

### CORRESPONDENCE DATA

Fax Number: (412)249-1383

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.

Phone: 408-965-6048

Email: carina.frazer@thermofisher.com THERMO FISHER SCIENTIFIC **Correspondent Name:** Address Line 1: 355 RIVER OAKS PARKWAY

Address Line 2: IP DEPT.

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	TP20411US2-NAT
NAME OF SUBMITTER:	CARINA FRAZER
SIGNATURE:	/Carina Frazer/
DATE SIGNED:	09/20/2018

#### **Total Attachments: 5**

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> **PATENT** REEL: 046932 FRAME: 0704 505104764

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PATENT REEL: 046932 FRAME: 0705

## ASSIGNMENT

WHEREAS WE, Scott T. Quarmby of Round Rock, TX, c/o Thermo Finnigan LLC, 355 River Oaks Parkway, San Jose, CA 95134; Joshua T. Maze of Round Rock, TX, c/o Thermo Finnigan LLC, 355 River Oaks Parkway, San Jose, CA 95134; and Nathaniel L. Sanders of Austin, TX, c/o Thermo Finnigan LLC, 355 River Oaks Parkway, San Jose, CA 95134, have invented certain new and useful improvements, entitled TUNING MULTIPOLE RF AMPLITUDE FOR IONS NOT PRESENT IN CALIBRANT for which invention we have executed an application for Letters Patent in the United States that was filed on 07/28/2017 with the U.S. Patent and Trademark Office as Serial No. 15/662.811 which discloses and identifies the invention.

Whereas, THERMO FINNIGAN LLC, a limited liability company formed in the State of Delaware, having a place of business at 355 River Oaks Parkway, San Jose, California 95134, (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.

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FOR THE ASSIGNORS:

Scott T. Quarmby, Assignor

7/31/2012

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 TEXAS

County of Trails

On July 31, 3011 before me, Tamwara Barna, Notary Public, personally appeared Scott T. Quarmby 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 TEXAS that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature // All Clark / My commission expires: / /

10-10-2021

TAMMARA BARNES
Noterly Püblic, State of Texase
Comm. Expires 10-10-2020
Notary ID 130856153

Attorney Docket No. TP20411US1/NAT

Joshua T. Maze, Assignor

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 TEXAS

County of 1/AVI 3

On August 3000 before me, Tammura Barnes Notary Public, personally appeared Joshua T. Maze 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 TEXAS that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

TAMMARA BARNES Notary Public, State of Texas Comm, Expires 10-10-2020 Notary ID 130858153

Attorney Docket No. TP20411US1/NAT

Nathaniel L. Sanders, Assignor

Date

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 TEXAS

County of Travis

On July 28<sup>44</sup> 2017 before me, Tayminara Rama. Notary Public, personally appeared Nathaniel L. Sanders 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 TEXAS that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

nunanan

(Seal)

TAMMARA BARNES

Notary Public, State of Texas

Comm. Expires 10-10-2020

Notary IO 130858153

FOR THE ASSIGNEE:

As an authorized representative of the Assignee, I hereby accept the assignment on behalf of the Assignee according to the terms set forth above.

Charles B. Kafz, DCounsel

Date

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