

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TSUNG-CHI CHEN	07/13/2018
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:	16038546
CORRESPONDENCE DATA	
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Address Line 2:	IP DEPT.
Address Line 4:	SAN JOSE, CALIFORNIA 95134
ATTORNEY DOCKET NUMBER:	TP20510US1-NAT
NAME OF SUBMITTER:	CARINA FRAZER
SIGNATURE:	/Carina Frazer/
DATE SIGNED:	07/18/2018
Total Attachments: 3	
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ASSIGNMENT

WHEREAS I, Tsung-Chi CHEN of San Jose, CA 95148, (the "Assignor") have invented certain new and useful improvements, entitled **METHODS AND SYSTEMS FOR DETECTION OF ION SPATIAL DISTRIBUTION** for which invention I have executed an application for Letters Patent in the United States that was filed on July 18, 2018 with the U.S. Patent and Trademark Office as Serial No. 16/038,546 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, (the "Assignee") is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patents 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 the 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 Assignee.

I hereby authorize the 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, I convey to the 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 Assignee that I will not execute any writing or do any act whatsoever conflicting with my obligations set forth in this instrument, and that I will at any time upon request, at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the 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.

FOR THE ASSIGNORS:

Tsung-Chi Chen
Tsung-Chi CHEN, Assignor

7.13.2018
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 CALIFORNIA :

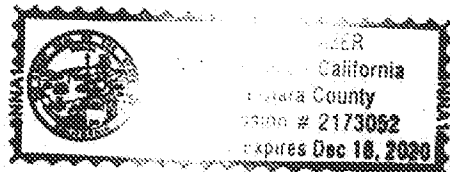
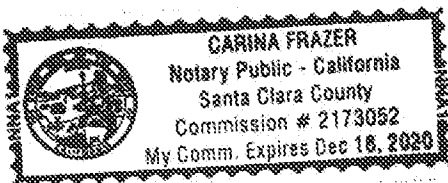
County of SANTA CLARA :

On July 13, 2018 before me, Carina Frazer, Notary Public, personally appeared Tsung-Chi CHEN 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 CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Carina Frazer
My commission Dec. 18, 2020



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. Katz, IP Counsel

13 July 2018
Date