PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAD R. WEISBROD	08/26/2016
MICHAEL W. SENKO	08/30/2016
JESSE D. CANTERBURY	08/26/2016
JOHN E. P. SYKA	12/02/2016

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:	16222010

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.

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Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	TP19849US2-NAT
NAME OF SUBMITTER:	CARINA FRAZER
SIGNATURE:	/Carina Frazer/
DATE SIGNED:	06/28/2019

Total Attachments: 5

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PATENT 505549663 REEL: 049620 FRAME: 0839

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> PATENT REEL: 049620 FRAME: 0840

ASSIGNMENT

WHEREAS WE, Chad R. Weisbrod of 4360 Haines Ave., San Jose, CA 95136; Michael W. Senko of 994B La Mesa Terrace, Sunnyvale, CA 94086; Jesse D. Canterbury of 1528 Willowmont Ave., San Jose, CA 95118; and John E. P. Syka of 2972 BeauMont Farm Road, Charlottesville, VA 22901, have invented certain new and useful improvements, entitled METHODS FOR OPERATING ELECTROSTATIC TRAP MASS ANALYZERS for which invention we have executed an application for Letters Patent in the United States that was filed on August 30. 2016 with the U.S. Patent and Trademark Office as Serial No. 15/252.025 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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P19849US2-NAT N 16/222,010	• • • • • • • • • • • • • • • • • • • •
IN WITNESS WHEREOF, I hereto set my hand and	
Chad R.	Weisbrod
	rtificate verifies only the identity of the individua is attached, and not the truthfulness, accuracy, or
State of CALIFORNIA : County of <u>SANTA CLARA</u> :	
appeared <u>Chad R. Weisbrod</u> who proved to me person whose name is subscribed to the with	e. Carina Frazer. Notary Public, personally e on the basis of satisfactory evidence to be the in instrument and acknowledged to me that he and that by his signature on the instrument the erson acted, executed the instrument.
I certify under PENALTY OF PERJURY unde foregoing paragraph is true and correct.	r the laws of the State of CALIFORNIA that the

WITNESS my hand and official seal.

My commission expires: Dec. 18, 2016

(Seal)



IN WITNESS WHEREOF, Thereto set my hand and seal on Acrost 30, 2016.
Michael W. Senko

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:

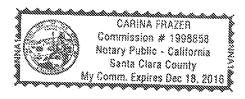
On Aug. 30, 2016 before me, Carina Frazer, Notary Public, personally appeared Michael W. Senko who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that 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.

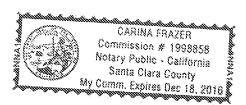
WITNESS my hand and official seal.

My commission expires: Dec. 18, 2016

(Seal)



IN WITNESS WHEREOF, I hereto set my ha	and and seal on _	Aug 1	26	_, 20 <u>/6</u> .
and the same of th	Serve state	Q.		
loss	www.minimaning			
Jess	e D. Canterbury	•		
A notary public or other officer completing who signed the document to which this cert validity of that document.				
State of CALIFORNIA :				
County of SANTA CLARA:				
On Aug. 26, 2016 before appeared Jesse D. Canterbury who provides the person whose name is subscribed to the executed the same in his authorized of the person, or the entity upon behalf of which was a personal TV OF PERSONAL TY OF	ved to me on the the within instri capacity, and the which the person	basis of sat ument and a ut by his sign acted, execu	isfactory eknowled nature on ted the in	evidence to be dged to me that the instrument astrument.
I certify under PENALTY OF PERJUR		s of the Stat	e of CAI	LIPORNIA IBBI
the foregoing paragraph is true and corre	ct.			
WITNESS my hand and official seal.				
Signature: Con un Follow My commission expires: Dec. 18, 2016				



(Seal)

IN WITNESS WHEREOF, I hereto set my hand and seal on	_{2,20} 16.
John EP John E. P. Syka	
A notary public or other officer completing this certificate verifies only the identity who signed the document to which this certificate is attached, and not the truthful validity of that document.	
State of CALIFORNIA : County of SANTA CLARA :	
On Dec. 2, 2016 before me, Carina Frazer, Notary Public, per John E. P. Syka who proved to me on the basis of satisfactory evidence to be name is subscribed to the within instrument and acknowledged to me that he in his authorized capacity, and that by his signature on the instrument the per upon behalf of which the person acted, executed the instrument.	the person whose executed the same
I certify under PENALTY OF PERJURY under the laws of the State of CAL foregoing paragraph is true and correct.	IFORNIA that the
WITNESS my hand and official seal.	
Signature: Signature: My commission expires: Dec. 18, 2016	(Seal)

CARINA FRAZER
Commission # 1998858
Notary Public - California
Santa Clara County
My Comm. Expires Dec 18, 2016

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