

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3401473

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
OLEG SILIVRA	10/16/2014
HARALD OSER	10/17/2014
JOSHUA T. MAZE	10/15/2014
TERRY OLNEY	10/17/2014
ALAN E. SCHOEN	04/03/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Thermo Finnigan LLC
<b>Street Address:</b>	355 River Oaks Parkway
<b>City:</b>	San Jose
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95134
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14742115
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)965-6010
<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>	
<b>Phone:</b>	408-965-6048
<b>Email:</b>	ussjo.ip@thermofisher.com
<b>Correspondent Name:</b>	CARINA FRAZER, THERMO FISHER SCIENTIFIC
<b>Address Line 1:</b>	355 RIVER OAKS PARKWAY
<b>Address Line 4:</b>	SAN JOSE, CALIFORNIA 95134
<b>ATTORNEY DOCKET NUMBER:</b>	19191US1/NAT
<b>NAME OF SUBMITTER:</b>	CARINA FRAZER
<b>SIGNATURE:</b>	/Carina Frazer/
<b>DATE SIGNED:</b>	06/17/2015
<b>Total Attachments: 12</b>	
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## ASSIGNMENT

WHEREAS WE, Oleg Silivra of 257 Vienna Drive, Milpitas, CA 95035; Harald Oser of 7 Iris Ln, San Carlos, CA 94070; Joshua T. Maze of 202 Calvert Dr. #273, Cupertino, CA 95014; Terry Olney of 8444 W. Bates Ct., Tracy, CA 95304; and Alan E. Schoen of 3243 Kalihiwai Road, Kilauea, HI 96754, have invented certain new and useful improvements, entitled **Optimizing Drag Field Voltages in a Collision Cell for Multiple Reaction Monitoring (MRM) Tandem Mass Spectrometry** for which invention we have executed an application for Letters Patent in the United States that was filed on June 17, 2014 with the U.S. Patent and Trademark Office as Serial No. 62/013,265 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.

IN WITNESS WHEREOF, I hereto set my hand and seal on this 16<sup>th</sup> October day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
Oleg Silivra

State of CALIFORNIA :

:

County of SANTA CLARA :

On Oct. 16, 2014 before me, Carina Frazer, NOTARY PUBLIC, personally appeared Oleg Silivra 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.

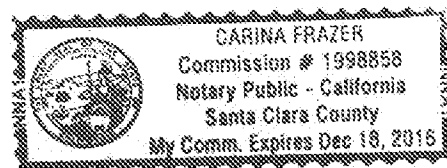
I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Carina Frazer

My commission expires: Dec. 18, 2016

(Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal on this 10 - 17 day of \_\_\_\_\_, 2014.

Harald Oser

Harald Oser

State of CALIFORNIA :

:

County of SANTA CLARA :

On Oct. 17, 2014 before me, Carina Frazer, NOTARY PUBLIC, personally appeared Harald Oser 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.

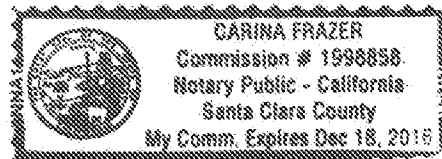
I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Carina A. Frazer

My commission expires: Dec. 18, 2016

(Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal on this 15th day of October, 2014.

[Signature]  
Joshua T. Maze

State of TEXAS :

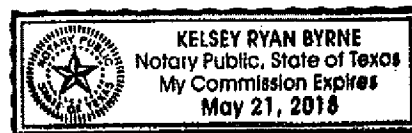
County of Travis :

On October 15 2014 before me, Kelsey Byrne, 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.

Signature: [Signature]  
My commission expires:



(Seal)

IN WITNESS WHEREOF, I hereto set my hand and seal on this 17<sup>th</sup> day of October, 2014.

  
Terry Olney

State of CALIFORNIA :

:

County of SANTA CLARA :

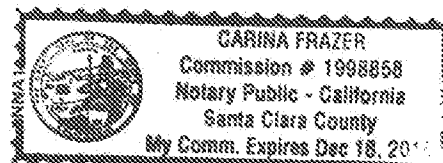
On Oct. 17, 2014 before me, Carina Frazer, NOTARY PUBLIC, personally appeared Terry Olney who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by 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 expires: Dec. 18, 2016

(Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Alan E. Schoen

State of CALIFORNIA :

:

County of SANTA CLARA :

On \_\_\_\_\_ before me, Carina Frazer, NOTARY PUBLIC, personally appeared Alan E. Schoen 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: \_\_\_\_\_

My commission expires:

(Seal)



## ASSIGNMENT

WHEREAS WE, Oleg Silivra of 257 Vienna Drive, Milpitas, CA 95035; Harald Oser of 7 Iris Ln, San Carlos, CA 94070; Joshua T. Maze of 2006 Mimosa Trail, Round Rock, TX 78664; Terry Olney of 8444 W. Bates Ct., Tracy, CA 95304; and Alan E. Schoen of 3243 Kalihiwai Road, Kilauea, HI 96754, have invented certain new and useful improvements, entitled **Optimizing Drag Field Voltages in a Collision Cell for Multiple Reaction Monitoring (MRM) Tandem Mass Spectrometry** for which invention we have executed an application for Letters Patent in the United States that was filed on June 17, 2014 with the U.S. Patent and Trademark Office as Serial No. 62/013,265 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.

IN WITNESS WHEREOF, I hereto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Oleg Silivra

State of CALIFORNIA :

:

County of SANTA CLARA :

On \_\_\_\_\_ before me, Carina Frazer, NOTARY PUBLIC, personally appeared Oleg Silivra 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: \_\_\_\_\_

My commission expires:

(Seal)

IN WITNESS WHEREOF, I hereto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Harald Oser

State of CALIFORNIA :

:

County of SANTA CLARA :

On \_\_\_\_\_ before me, Carina Frazer, NOTARY PUBLIC, personally appeared Harald Oser 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: \_\_\_\_\_

My commission expires:

(Seal)

IN WITNESS WHEREOF, I hereto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Joshua T. Maze

State of TEXAS :

:

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

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

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

My commission expires:

(Seal)

IN WITNESS WHEREOF, I hereto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2015.

\_\_\_\_\_  
Terry Olney

State of CALIFORNIA :

:

County of SANTA CLARA :

On \_\_\_\_\_ before me, Carina Frazer, NOTARY PUBLIC, personally appeared Terry Olney 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: \_\_\_\_\_

My commission expires:

(Seal)

IN WITNESS WHEREOF, I hereto set my hand and seal on this third day of April, 2015.

Alan E. Schoen

Alan E. Schoen

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 April 3, 2015 before me, Carina Frazer, NOTARY PUBLIC, personally appeared Alan E. Schoen 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 expires: Dec 18, 2016

(Seal)

