

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                 |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                     |
| <b>CONVEYING PARTY DATA</b>   |                                |
| <b>Name</b>   | <b>Execution Date</b>          |
| STEVEN L. REEBER  | 04/09/2018                     |
| CORNELIA L. BOESER  | 04/09/2018                     |
| <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>  | 15842729                       |
| <b>CORRESPONDENCE DATA</b>  |                                |
| <b>Fax Number:</b>  | (412)249-1383                  |
| <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> |                                |
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| <b>Address Line 4:</b>  | SAN JOSE, CALIFORNIA 95134     |
| <b>ATTORNEY DOCKET NUMBER:</b>  | TP20398US1/NAT                 |
| <b>NAME OF SUBMITTER:</b>   | GAIL WARDWELL                  |
| <b>SIGNATURE:</b>   | /Gail Wardwell/                |
| <b>DATE SIGNED:</b>   | 04/10/2018                     |
| <b>Total Attachments: 4</b>   |                                |
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| source=TP20398US1-NAT ASG#page2.tif   |                                |
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| source=TP20398US1-NAT ASG#page4.tif   |                                |

## ASSIGNMENT

WHEREAS WE, Steven L. REEBER of c/o Thermo Finnigan LLC, 355 River Oaks Parkway, San Jose, California 95134 and Cornelia L. BOESER of c/o Thermo Finnigan LLC, 355 River Oaks Parkway, San Jose, California 95134, (individually an "Assignor" and collectively the "Assignors") have invented certain new and useful improvements, entitled **APPARATUS AND METHOD FOR CLEANING AN INLET OF A MASS SPECTROMETER** for which invention we have executed an application for Letters Patent in the United States that was filed on December 14, 2017 with the U.S. Patent and Trademark Office as Serial No. 15/842,729 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 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 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the Assignee.

We 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, we 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 we do hereby covenant and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with our obligations set forth in this instrument, and that we 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. We 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:

  
Steven L. REEBER, Assignor

9 April 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 :

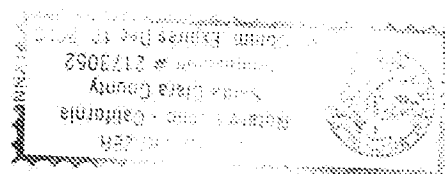
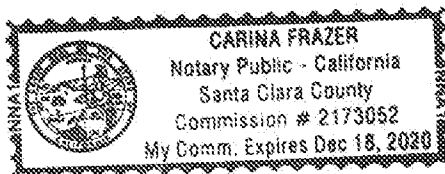
On April 9, 2018 before me, Carina Frazer, Notary Public, personally appeared Steven L. REEBER who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that 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, 2020

(Seal)



C Bo  
Cornelia L. BOESER, Assignor

April 9, 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 :

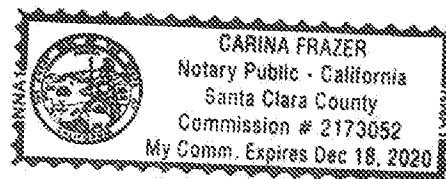
On April 9, 2018 before me, Carina Frazer, Notary Public, personally appeared Cornelia L. BOESER who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that 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, 2020

(Seal)



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

9 April 2018  
\_\_\_\_\_  
Date