502850150 06/12/2014

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------------|----------------|
| ALEXANDER ALEKSEEVICH MAKAROV | 03/20/2013 |
| LOTHAR ROTTMANN | 03/20/2013 |

RECEIVING PARTY DATA

| Name: | Thermo Fisher Scientific (Bremen) GmbH | |
|-----------------|--|--|
| Street Address: | Hanna-Kunath-Str. 11 | |
| City: | Bremen | |
| State/Country: | GERMANY | |
| Postal Code: | 28199 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14364616 |

CORRESPONDENCE DATA

Fax Number: (408)965-6010

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: USSJO.IP@thermofisher.com

Correspondent Name: CARINA FRAZER, THERMO FISHER SCIENTIFIC

Address Line 1: 355 RIVER OAKS PARKWAY

Address Line 2: IP DEPT.

Address Line 4: SAN JOSE, CALIFORNIA 95134

| ATTORNEY DOCKET NUMBER: | 9494US1/PCT |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | CARINA FRAZER |
| SIGNATURE: | /Carina Frazer/ |
| DATE SIGNED: | 06/12/2014 |

Total Attachments: 3

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PATENT 502850150 REEL: 033094 FRAME: 0223

ASSIGNMENT

WHEREAS, we,

MAKAROV, Alexander Alekseevich of 10A Thomas-Mann-Straße, 28213 Bremen, Germany and

ROTTMANN, Lothar of 8a Auf dem KornKamp, 27777 Ganderkesee, Germany

have invented certain new and useful improvements as described in an application entitled

MASS SPECTROMTER VACUUM INTERFACE METHOD AND APPARATUS

for Letters Patent of the United States, the application arising out of International Application number **PCT/EP2012/075301** and/or being identifiable in the United States Patent and Trademark Office by Serial No. ...14/364,616......, filed on ...June 11, 2014......; and

WHEREAS, THERMO FISHER SCIENTIFIC (BREMEN) GmbH,

a corporation organized and existing under the laws of **Germany**, and having offices at **Hanna-Kunath-Str. 11, 28199 Bremen, Germany**

("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, the entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patents or similar legal protection issuing thereon, and all rights and benefits under any

PATENT REEL: 033094 FRAME: 0224 applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the filing date and serial number of the application when ascertained.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Alexander Alekseevich MAKAROV

- Date: <u>りょくしん 20 2019</u>

Witness:

Signature: 0.6%///

Name:

Address:

Rosert Malek

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Thomas Fisher Sciences Chapters Chapters
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PATENT REEL: 033094 FRAME: 0225

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| | r ROTTWANN | |

Date: <u>63/25/25/3</u>

Witness:

Signature: //a 🎉

Robert Malek

Address:

Name:

Thermofisher science

Themse Pater Scientific (Bremen) Gmis-Hanns-Kunath-Etraese 11 26199 Brussen, Garmany

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PATENT REEL: 033094 FRAME: 0226

RECORDED: 06/12/2014