PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4938698

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HAMISH STEWART	10/12/2017
DMITRY GRINFELD	10/12/2017
ALEXANDER A. MAKAROV	10/20/2017

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:	15801168

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.

Phone: 408-965-6048

Email: carina.frazer@thermofisher.com THERMO FISHER SCIENTIFIC INC. **Correspondent Name:**

Address Line 1: 355 RIVER OAKS PARKWAY

Address Line 2: IP DEPT.

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	TP20159US1-NAT	
NAME OF SUBMITTER:	CARINA FRAZER	
SIGNATURE:	/Carina Frazer/	
DATE SIGNED:	04/30/2018	

Total Attachments: 6

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> **PATENT REEL: 045670 FRAME: 0588** 504891955

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> PATENT REEL: 045670 FRAME: 0589

ASSIGNMENT

WHEREAS, I, HAMISH STEWART

c/o Thermo Fisher Scientific (Bremen) GmbH, of Hanna-Kunath-Str. 11, 28199 Bremen, Germany,

(Assignor), have invented certain new and useful improvements as described in an application entitled

MULTI-REFLECTION MASS SPECTROMETER WITH DECELERATION STAGE

for Letters Patent of the United States, the application arising out of United Kingdom Application number <u>GB 1618595.1</u>, filed on <u>November 4, 2016</u>; and/or being identifiable in the United States Patent and Trademark Office by Serial Number 15/801,168 , filed on Nov. 1, 2017 ; 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, I transfer to Assignee, its successors and assigns, my 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 applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent of similar legal protection to the Assignee.

I 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.

I 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.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my 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. I hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.

HAMISH STEWART

Witness Signature

vame: Mythias 13il

Address: Hanna-Kunath-Str. 11

28199 Bremen

Date: October 12, 2017

Witness Signature

Name: Crik Couzijn

Address: Hanna-Kunath-Str. 11

28199 Bremen

ASSIGNMENT

WHEREAS, I, DMITRY GRINFELD

c/o Thermo Fisher Scientific (Bremen) GmbH, of Hanna-Kunath-Str. 11, 28199 Bremen, Germany,

(Assignor), have invented certain new and useful improvements as described in an application entitled

MULTI-REFLECTION MASS SPECTROMETER WITH DECELERATION STAGE

for Letters Patent of the United States, the application arising out of United Kingdom Application number **GB 1618595.1**, filed on **November 4, 2016**; and/or being identifiable in the United States Patent and Trademark Office by Serial Number 15/801,168 , filed on Nov. 1, 2017 ; and

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NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my 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 applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent of similar legal protection to the Assignee.

-1-

I 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.

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I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my 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. I hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.

DMITRY GRINFELD

Witness Signature

Name Hanish Stewart

Address: Hanna-Kunath-Str. 11

28199 Bremen

Date: Oct 12, 2017.

Witness Signature

Name: Matthias 15:21

Address: Hanna-Kunath-Str. 11

28199 Bremen

ASSIGNMENT

WHEREAS, I, ALEXANDER A. MAKAROV

c/o Thermo Fisher Scientific (Bremen) GmbH, of Hanna-Kunath-Str. 11, 28199 Bremen, Germany,

(Assignor), have invented certain new and useful improvements as described in an application entitled

MULTI-REFLECTION MASS SPECTROMETER WITH DECELERATION STAGE

for Letters Patent of the United States, the application arising out of United Kingdom Application number <u>GB 1618595.1</u>, filed on <u>November 4, 2016</u>; and/or being identifiable in the United States Patent and Trademark Office by Serial Number <u>15/801,168</u>, filed on <u>Nov. 1, 2017</u>; and

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NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my 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 applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent of similar legal protection to the Assignee.

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I 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.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my 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. I hereby agree that the transfer of rights made by this instrument is effective as of the filling date of the application written above.

ALEXANDER A. MAKAROV

Mitnogo Cianaturo

Name: Rosert Muleh

Address: Hanna-Kunath-Str. 11

28199 Bremen

Date: Oct. 4, 697

. Witness Signature

Name: Use Richens

Address: Hanna-Kunath-Str. 11

28199 Bremen