505794716 11/27/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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DMITRY E. GRINFELD	11/21/2019
ALEXANDER A. MAKAROV	11/21/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16697329

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DATE SIGNED:	11/27/2019	

Total Attachments: 3

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PATENT REEL: 051126 FRAME: 0470 505794716

EPAS ID: PAT5841545

ASSIGNMENT

WHEREAS, we, Hamish Stewart, Dmitry E. Grinfeld, and 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

for Letters Patent of the United States, the application arising out of United Kingdom Application number **GB 1820950.2**, filed on **December 21, 2018**; and/or being identifiable with the application filed HEREWITH in the United States Patent and Trademark Office; 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, our 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 we 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-

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. We 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

Name: Matthias Birl

Name: Arne States

Date: 2//11/19

Dmitry E. Grinfeld	Date: 21-11-2019
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Marapol Alexander A. Makarov	Date: Nov 21, 2019
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