

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5688647

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALEXANDER A. MAKAROV	08/12/2014
WILKO BALSCHUN	08/13/2014
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:	16552295
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NAME OF SUBMITTER:	AMANDA IVEY
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DATE SIGNED:	08/27/2019
Total Attachments: 4	
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source=17974US1-NAT_ASG#page4.tif	

ASSIGNMENT

WHEREAS, I, **ALEXANDER A. MAKAROV**

of Thermo Fisher Scientific (Bremen) gmbH, Hanna-Kunath-Str. 11, 28199 Bremen, Germany,

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

Multiple Port Vacuum Pump System

for Letters Patent of the United States, the application arising out of GB Application number **GB 1314841.6**, and/or being identifiable in the United States Patent and Trademark Office by Serial No. 14/459,174, filed on Aug. 13, 2014; and

WHEREAS, **THERMO FISHER SCIENTIFIC (BREMEN) GMBH**,

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

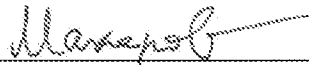
(Assignee), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

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.

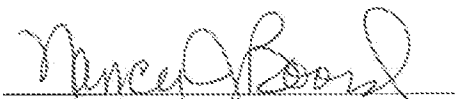
I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

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.



Alexander A. Makarov

Date: August 12, 2014



Witness Signature

Name: Nancy J. Beard

Address: Thermo Fisher Scientific
355 River Oaks Parkway
San Jose, CA



Witness Signature

Name: Carina Frazer

Address: Thermo Fisher Scientific
355 River Oaks Parkway
San Jose, CA

ASSIGNMENT

WHEREAS, I, **WILKO BALSCHUN**

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

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

Multiple Port Vacuum Pump System

for Letters Patent of the United States, the application arising out of GB Application number **GB 1314841.6**, and/or being identifiable in the United States Patent and Trademark Office by Serial No. 14/459,174, filed on Aug. 13, 2014 ; and

WHEREAS, **THERMO FISHER SCIENTIFIC (BREMEN) GMBH**,

a limited liability company 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.

W. Balschun

WILKO BALSCHUN

Date: 13.08.2014

[Signature]
Witness Signature

Name: Jörn V. W. W. W. W.

Address: Hanna-Kunath-Str. 11

28199 Bremen

[Signature]
Witness Signature

Name: Jessica Sanders

Address: Hanna-Kunath-Str. 11

28199 Bremen