

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4819099

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDREI YURIEVICH EGOROV	11/30/2017
BORIS FERKO	11/30/2017
ARTEM ALEXANDROVICH KROKHIN	11/30/2017
YULIA ROMANOVNA ROMANOVA	11/30/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PHARMENTERPRISES BIOTECH LIMITED LIABILITY COMPANY
<b>Street Address:</b>	BOLSHOI BULVAR, 42, BLDG. 1, 1ST FLOOR,
<b>Internal Address:</b>	PART OF OFFICE 335, INNOVATION CENTER "SKOLKOVO"
<b>City:</b>	MOSCOW
<b>State/Country:</b>	RUSSIAN FEDERATION
<b>Postal Code:</b>	143026
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15566202
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)268-7522
<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>	
<b>Phone:</b>	(415) 268-7000
<b>Email:</b>	cbrown@mofo.com
<b>Correspondent Name:</b>	OTIS LITTLEFIELD
<b>Address Line 1:</b>	MORRISON & FOERSTER LLP
<b>Address Line 2:</b>	425 MARKET STREET
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94105
<b>ATTORNEY DOCKET NUMBER:</b>	72693-20007.00
<b>NAME OF SUBMITTER:</b>	OTIS LITTLEFIELD
<b>SIGNATURE:</b>	/Otis Littlefield/
<b>DATE SIGNED:</b>	02/09/2018
<b>Total Attachments: 3</b>	

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## ASSIGNMENT

This assignment is by:

1. Andrei Yurievich EGOROV  
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RUSSIAN FEDERATION
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3. Artem Alexandrovich KROKHIN  
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The Crimea 298414  
RUSSIAN FEDERATION
4. Yulia Romanovna ROMANOVA  
Ul. Korablestroiteley, 16/1-289  
St. Petersburg 199226  
RUSSIAN FEDERATION

(referred to in this Assignment as "Assignors"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: "PHARMENTERPRISES BIOTECH" Limited Liability Company  
Address: Bolshoi Bulvar, 42, bldg. 1, 1st floor, part of office 335, Innovation Center "Skolkovo" Moscow 143026,  
RUSSIAN FEDERATION  
A juristic entity duly organized under and pursuant to the laws of: Russia

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent application and the inventions covered thereby.

Assignors have invented certain new and useful inventions in:

ATTENUATED INFLUENZA VECTORS FOR THE PREVENTION AND/OR TREATMENT OF  
INFECTIOUS DISEASES AND FOR THE TREATMENT OF ONCOLOGICAL DISEASES

for which the following application has been filed in the United States of America.

Serial No.: 15/566,202

Filing Date: November 3, 2016

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all provisionals, non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and

any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

2. Assignors represent, warrant and covenant (a) that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and said application for letters patent, and the same were unencumbered and that Assignors sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any provisional, non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

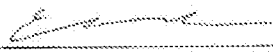
4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which 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, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

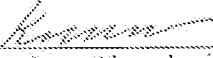
Date: November 30, 2017

Signature:   
Andrei Yurievich EGOROV

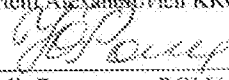
Date: November 30, 2017

Signature:   
Boris FERKO

Date: November 30, 2017

Signature:   
Artem Alexandrovich KROKHIN

Date: November 30, 2017

Signature:   
Yulia Romanovna ROMANOVA

Attorney Docket No.: 726932000700  
Client Reference No.: 2420-301559US

ASSIGNEE:

Date: November 30, 2017

Signature: \_\_\_\_\_

