505234219 12/13/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5280989

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RACHEL PAIGE ARNOTT	07/25/2016
BART E. BURGESS	07/25/2016
MICHAEL CUPICHA	07/21/2016
ALEXEI GORALTCHOUK	09/23/2016
BRYAN GRYGUS	07/21/2016
MIKE STELMAH	07/28/2016

RECEIVING PARTY DATA

Name:	REGENERON PHARMACEUTICALS, INC.
Street Address:	777 OLD SAW MILL RIVER ROAD
City:	TARRYTOWN
State/Country:	NEW YORK
Postal Code:	10591

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16211280

CORRESPONDENCE DATA

Fax Number: (202)450-5538

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: 2028083550

Email: cgilman@bomcip.com

Correspondent Name: BOOKOFF MCANDREWS, PLLC

Address Line 1: 2020 K STREET, N.W.

Address Line 2: SUITE 400

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	00166-0013-02000
NAME OF SUBMITTER:	JAMESON Q. MA
SIGNATURE:	/Jameson Q. Ma/
DATE SIGNED:	12/13/2018

PATENT 505234219 REEL: 047762 FRAME: 0609

Total Attachments: 12 source=2018-11-20 ASSIGNMENT 00339861#page1.tif source=2018-11-20 ASSIGNMENT 00339861#page2.tif source=2018-11-20 ASSIGNMENT 00339861#page3.tif source=2018-11-20 ASSIGNMENT 00339861#page4.tif source=2018-11-20 ASSIGNMENT 00339861#page5.tif source=2018-11-20 ASSIGNMENT 00339861#page6.tif source=2018-11-20 ASSIGNMENT 00339861#page7.tif source=2018-11-20 ASSIGNMENT 00339861#page8.tif source=2018-11-20 ASSIGNMENT 00339861#page9.tif source=2018-11-20 ASSIGNMENT 00339861#page10.tif source=2018-11-20 ASSIGNMENT 00339861#page11.tif source=2018-11-20 ASSIGNMENT 00339861#page12.tif

USSN: 15/066,791 ASSIGNMENT Page 1 of 3

ASSIGNMENT

WHEREAS, WE, Rachel Paige ARNOTT, residing at 27 Chateau Court, Loudonville, New York 12211, a citizen of the United States of America, Bart E. BURGESS, residing at 1702 Kayla Court, Newburgh, New York 12550, a citizen of the United States of America, Michael CUPICHA, residing at 25 Hy Drive, East Schodack, New York 12063, a citizen of the United States of America, Alexei GORALTCHOUK, residing at 1104 - 8 Museum Way, Cambridge, Massachusetts 02141, a citizen of Canada, Bryan GRYGUS, residing at 106 Gulf Road, Cohoes, NY 12047, a citizen of the United States of America and Mike STELMAH, residing at 565 Broadway, Apt. 1J, Hastings-on-Hudson, New York 10706, a citizen of Ukraine (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the inventions disclosed and/or claimed in the following patent application:

"Aseptic Piercing System and Method"

Serial No. 15/066,791; filed March 10, 2016

WHEREAS, REGENERON PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States application, and in and to said United States Application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International

USSN: 15/066,791 ASSIGNMENT

Page 2 of 3

Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under

the European Patent Convention, or under any other available international agreement or under

the domestic laws of the country in which any such application is filed, as may be applicable;

and all forms of industrial property protection, including, without limitation, patents, utility

models, inventors' certificates and designs which may be granted for said inventions in any

country or countries foreign to the United States and all extensions, renewals and reissues

thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks

of the United States and any Official of any country or countries foreign to the United States

whose duty it is to issue patents or other evidence or forms of industrial property protection on

applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal

representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire

interest hereinafter assigned, and that WE have not executed, and will not execute, any

agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said

ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting

said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional.

continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and

generally do everything possible to aid said ASSIGNEE, its successors, legal representatives

and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year

set opposite our signatures.

PATENT

Atty Docket No.: 10128US01 USSN: 15/066,791

SSN: 15/066,791 ASSIGNMENT Page 3 of 3

Date: 25 JUL 2016	Rachel Paige ARNOTT
Date: 25 Jul 2016	Bart E. BURGESS
Date:	Michael CUPICHA
Date:	Alexei GORALTCHOUK
Date: 21,701,2016	Bryan GRYGUS
Date:	Mike STELMAH

Atty Docket No.: 10128US01 USSN: 15/066,791

ASSIGNMENT Page 1 of 3

<u>ASSIGNMENT</u>

WHEREAS, WE, Michael CUPICHA, residing at 25 Hy Drive, East Schodack, New York 12063, a citizen of the United States of America, Rachel Paige ARNOTT, residing at 27 Chateau Court, Loudonville, New York 12211, a citizen of the United States of America, Bart E. BURGESS, residing at 1702 Kayla Court, Newburgh, New York 12550, a citizen of the United States of America, Alexei GORALTCHOUK, residing at 1104 - 8 Museum Way, Cambridge, Massachusetts 02141, a citizen of Canada, Bryan GRYGUS, residing at 106 Gulf Road, Cohoes, NY 12047, a citizen of the United States of America and Mike STELMAH, residing at 565 Broadway, Apt. 1J, Hastings-on-Hudson, New York 10706, a citizen of Ukraine (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the inventions disclosed and/or claimed in the following patent application:

"Aseptic Piercing System and Method"

Serial No. 15/066,791; filed March 10, 2016

WHEREAS, REGENERON PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States application, and in and to said United States Application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International

USSN: 15/066,791

ASSIGNMENT

Page 2 of 3

Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under

the European Patent Convention, or under any other available international agreement or under

the domestic laws of the country in which any such application is filed, as may be applicable;

and all forms of industrial property protection, including, without limitation, patents, utility

models, inventors' certificates and designs which may be granted for said inventions in any

country or countries foreign to the United States and all extensions, renewals and reissues

thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks

of the United States and any Official of any country or countries foreign to the United States

whose duty it is to issue patents or other evidence or forms of industrial property protection on

applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal

representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire

interest hereinafter assigned, and that WE have not executed, and will not execute, any

agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said

ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting

said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional,

continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and

generally do everything possible to aid said ASSIGNEE, its successors, legal representatives

and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year

set opposite our signatures.

PATENT

Atty Docket No.: 10128US01 USSN: 15/066,791 ASSIGNMENT Page 3 of 3

Date:	Michael GUPICHA
Date:	Rachel Paige ARNOTT
Date:	Bart E. BURGESS
Date: Sept 23,2016	Alexei GORALTCHOUK
Date:	Bryan GRYGUS
Date:	Mike STELMAH

Atty Docket No.: 10128US01 USSN: 15/066,791

> ASSIGNMENT Page 1 of 3

ASSIGNMENT

WHEREAS, WE, Rachel Paige ARNOTT, residing at 27 Chateau Court, Loudonville, New York 12211, a citizen of the United States of America, Bart E. BURGESS, residing at 1702 Kayla Court, Newburgh, New York 12550, a citizen of the United States of America, Michael CUPICHA, residing at 25 Hy Drive, East Schodack, New York 12063, a citizen of the United States of America, Alexei GORALTCHOUK, residing at 1104 - 8 Museum Way, Cambridge, Massachusetts 02141, a citizen of Canada, Bryan GRYGUS, residing at 106 Gulf Road, Cohoes, NY 12047, a citizen of the United States of America and Mike 31 5702 57 TARRYTOWN, NY 10391 1941 28 July 2013 STELMAH, residing at 565 Broadway, Apt. 1J, Hastings on Hudson, New York 10706, a citizen of Ukraine (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the inventions disclosed and/or claimed in the following patent application:

"Aseptic Piercing System and Method"

Serial No. 15/066,791; filed March 10, 2016

WHEREAS, REGENERON PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States application, and in and to said United States Application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International

USSN: 15/066,791

ASSIGNMENT Page 2 of 3

United States application under the Patent Laws of the United States, the International

Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under

the European Patent Convention, or under any other available international agreement or under

the domestic laws of the country in which any such application is filed, as may be applicable;

and all forms of industrial property protection, including, without limitation, patents, utility

models, inventors' certificates and designs which may be granted for said inventions in any

country or countries foreign to the United States and all extensions, renewals and reissues

thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks

of the United States and any Official of any country or countries foreign to the United States

whose duty it is to issue patents or other evidence or forms of industrial property protection on

applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal

representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire

interest hereinafter assigned, and that WE have not executed, and will not execute, any

agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said

ASSIGNEE, its successors, legal representatives and assigns, any facts known to us

respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all

divisional, continuing, continuation-in-part, reissue and foreign applications, make all rightful

oaths, and generally do everything possible to aid said ASSIGNEE, its successors, legal

representatives and assigns, to obtain and enforce proper protection for said inventions in all

countries.

IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year

set opposite our signatures.

PATENT

Atty Docket No.: 10128US01 USSN: 15/066,791 ASSIGNMENT Page 3 of 3

Date:	
	Rachel Paige ARNOTT
Date:	
	Bart E. BURGESS
Date:	Est I LOUDIQUE
	Michael CUPICHA
Date:	West and distributions and the second
	Alexei GORALTCHOUK
Date:	
**************************************	Bryan GRYGUS
Date: 28 July 2016	Mike Stelach
The second secon	Mike STELMAH

Atty Docket No.: 10128US01 USSN: 15/066,791 ASSIGNMENT Page 1 of 3

ASSIGNMENT

WHEREAS, WE, Michael CUPICHA, residing at 25 Hy Drive, East Schodack, New York 12063, a citizen of the United States of America, Rachel Paige ARNOTT, residing at 27 Chateau Court, Loudonville, New York 12211, a citizen of the United States of America, Bart E. BURGESS, residing at 1702 Kayla Court, Newburgh, New York 12550, a citizen of the United States of America, Alexei GORALTCHOUK, residing at 1104 - 8 Museum Way, Cambridge, Massachusetts 02141, a citizen of Canada, Bryan GRYGUS, residing at 23 Oakleaf Drive, Clifton Park, New York 12065, a citizen of the United States of America and Mykhaylo HRYTSAK, residing at 565 Broadway, Apt. 1J, Hastings-on-Hudson, New York 10706, a citizen of Ukraine (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the inventions disclosed and/or claimed in the following patent application:

"Aseptic Piercing System and Method" Serial No. 15/066,791; filed March 10, 2016

WHEREAS, REGENERON PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of New York, with offices at 777 Old Saw Mill River Road, Tarrytown, New York 10591-6707, U.S.A. (HEREINAFTER called "ASSIGNEE") is desirous of acquiring our entire right, title and interest in, to, and under said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, our entire right, title and interest for all countries in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the above-described United States application, and in and to said United States Application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs which may hereafter be filed for said inventions in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International

USSN: 15/066,791 ASSIGNMENT

Page 2 of 3

Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under

the European Patent Convention, or under any other available international agreement or under

the domestic laws of the country in which any such application is filed, as may be applicable;

and all forms of industrial property protection, including, without limitation, patents, utility

models, inventors' certificates and designs which may be granted for said inventions in any

country or countries foreign to the United States and all extensions, renewals and reissues

thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks

of the United States and any Official of any country or countries foreign to the United States

whose duty it is to issue patents or other evidence or forms of industrial property protection on

applications as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal

representatives and assigns, in accordance with this instrument;

AND WE HEREBY covenant and agree that WE have full right to convey the entire

interest hereinafter assigned, and that WE have not executed, and will not execute, any

agreement in conflict herewith;

AND WE HEREBY further covenant and agree that WE will communicate to said

ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting

said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional,

continuing, continuation-in-part, reissue and foreign applications, make all rightful oaths, and

generally do everything possible to aid said ASSIGNEE, its successors, legal representatives

and assigns, to obtain and enforce proper protection for said inventions in all countries.

IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year

set opposite our signatures.

PATENT

Atty Docket No.: 10128US01 USSN: 15/066,791 ASSIGNMENT Page 3 of 3

Date: 7/21/2016	Michael CUPICHA
Date:	Rachel Paige ARNOTT
Date:	Bart E. BURGESS
Date:	Alexei GORALTCHOUK
Date:	Bryan GRYGUS
Date:	Mykhaylo HRYTSAK

PATENT REEL: 047762 FRAME: 0622

RECORDED: 12/13/2018