506682564 05/26/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6729382

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| BRYAN C. GRYGUS | 05/24/2018 |
| ALFRED MARINO | 05/29/2018 |
| RACHEL P. ARNOTT | 06/02/2018 |
| SCOTT BARTON | 05/25/2018 |
| BART E. BURGESS | 05/24/2018 |
| RICHARD GILDERSLEEVE | 05/24/2018 |
| ALEXEI GORALTCHOUK | 05/29/2018 |
| DANIEL HALBIG | 05/24/2018 |
| CHRISTOPHER KANEL | 05/29/2018 |
| TREVOR LANGLEY | 05/25/2018 |

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: | 16495868 |

CORRESPONDENCE DATA

Fax Number:

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.

Email: jcantillano@bomcip.com

Correspondent Name: BOOKOFF MCANDREWS, PLLC

Address Line 1: 2020 K STREET, NW

Address Line 2: SUITE 400

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER: 00166-0008-01000

PATENT REEL: 056351 FRAME: 0609

506682564

| NAME OF SUBMITTER: | JAMESON Q. MA |
|-----------------------------|-----------------|
| SIGNATURE: | /Jameson Q. Ma/ |
| DATE SIGNED: | 05/26/2021 |
| Total Attachments: 8 | |
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| source=Assignment#page6.tif | |
| source=Assignment#page7.tif | |
| source=Assignment#page8.tif | |

PATENT REEL: 056351 FRAME: 0610

Application No.: PCT/US2018/031077

WHEREAS, WE, Rachel P. ARNOTT, residing at 27 Chateau Court Loudonville, New York 122th, a citizen of the United States of America, Scott BARTON, residing at 67 Appletree Lave, Clifton Park, New York 12065, a citizen of the United States of America, Bart E. BURGESS, residing at 1802 Iris Street, Apartment 2, Glemmont, New York 12077, a citizen of the United States of America, Richard GILDERSLEEVE, residing at 153 Thomberry Lane, Rensselaer, New York 12144, a citizen of the United States of America, Alexei GORALTCHOUK, residing at #1104 - 8 Museum Way, Cambridge, Massachusetts 92141, a citizen of Canada, Bryan C. GRYGUS, residing at 41 Ginger Terrace, Clifton Park, New York 12065, a citizen of the United States of America, Daniel HALBIG, residing at 17 Sycamore Street, Ballston Lake, New York 12019, a citizen of the United States of America, Christopher KANEL, residing at 2601 County Route 27, Hudson, New York 12534, a citizen of the United States of America, Trever LANGLEY, residing at 4 Oak Lane, Apartment C, Rensselaer, New York 12144, a citizen of the United States of America, and Alfred MARINO, residing at 310 Great Barrington Road, Housatonic, Massachusetts 01236, a citizen of the United States of America, made certain new and useful inventions and improvements for which we filed International Application No. PCT/US2818/031977, on May 4, 2018, designating the United States of America, which is entitled AUTO-INJECTOR AND RELATED METHODS OF USE and claiming priority to Provisional Application Number 62/502,278, filed May 5, 2017.

AND WHEREAS, Regeneron Pharmaceuticals, Inc., a corporation organized and existing under and by virtue of the laws of the State of New York, and having an office and place of business at 777 Old Saw Mill River Road, Tarrytown, New York 10591 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor,

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignce, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs, and in and to any and all applications which have been or shall be filed in any country or countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of 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 Letters Patent of a country or countries which may be granted therefrom; and we do 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 Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

| REGN Ref. No.: 10303WO01 Application No.: PCT/US2018/031077 | | | |
|--|---|-------------------|---|
| IN TESTIMONY WHEREOF, I have become set my hand this | 22 | day of TONE | . 2018 |
| | DAY | MONTI | year |
| | | That P. ARNOTT | and - |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this | | day of | 000000000000000000000000000000000000000 |
| | DAY | KINOM | I YEAR |
| | | Scott BARTON | |
| IN TESTIMONY WHEREOF, I have bereinto set my band this | | dsy of | ~~~ |
| | DAY | MONT | YEAR |
| | | Bart E. BURGESS | |
| IN TESTIMONY WHEREOF, I have hareauto set my haed this | | day of | |
| | BAY | MONTE | YEAR |
| | | Richard GILDERSI | EEVE |
| IN TESTIMONY WHEREOF, I have bereunto set my hand this | | day of | |
| | DAY | MONTE | YEAR |
| | | Alexei GORALTCH | OUK |
| IN TESTIMONY WHEREOF, I have hereinto set my hand this | DAY | day of MONTH | YEAR |
| | 21.2.2 | 200000 | C COOM |
| | | Bryan C. GRYGUS | · · · · · · · · · · · · · · · · · · · |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this | | | |
| | DAY | MONTS | YEAN |
| | | Daniel HALBIC | |
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| | DAY | MONTH | YEAR |
| | | Christopher KANEL | |
| IN TESTIMONY WHEREOF, I have hereonto set my hand this | SK 111111111111111111111111111111111111 | day of | |
| | DAY | MONTH | |
| | | Trever LANGLEY | |
| IN TESTIMONY WHEREOF, I have heremito set my hand this | | day of | |
| | DAY | MONTH | Year |

Page 2 of 2

Alfred MARINO

Application No.: PCT/US2018/031077

ASSIGNMENT

WHEREAS, WE, Rackel P. ARNOTT, residing at 27 Chateau Court, Loudonville, New York 12211, a citizen of the United States of America, Scott BARTON, residing at 67 Appletree Lane, Clifton Park, New York 12065, a citizen of the United States of America, Bart E. BURGESS, residing at 1802 Iris Street, Apartment 2, Glenmont, New York 12077, a citizen of the United States of America, Richard GYLDERSLEEVE, residing at 153 Thomberry Lane, Rensselaer, New York 12144, a citizen of the United States of America, Alexel GORALT CHOUK, residing at #1104 - 8 Museum Way, Cambridge, Massachusetts 02141, a citizen of Canada, Bryss C. GRYGUS, residing at 41 Ginger Terrace, Clifton Park, New York 12065, a citizen of the United States of America, Daniel HALBIG, residing at 17 Sycamore Street, Ballston Lake, New York 12019, a citizen of the United States of America, Christopher KANEL, residing at 2601 County Route 27, Hudson, New York 12534, a citizen of the United States of America, Trever LANGLEY, residing at 4 Oak Lane, Apartment C, Rensselaer, New York 12144, a citizen of the United States of America, and Alfred MARINO, residing at 310 Great Barrington Road, Housatonic, Massachusetts 01236, a citizen of the United States of America, made certain new and useful inventions and improvements for which we filed International Application No. PCT/US2018/031077, on May 4, 2018, designating the United States of America, which is entitled AUTO-INJECTOR AND RELATED METHODS OF USE and claiming priority to Provisional Application Number 62/502,278, filed May 5, 2017.

AND WHEREAS, Regeneron Pharmaceuticals, Inc., a corporation organized and existing under and by virtue of the laws of the State of New York, and having an office and place of business at 777 Old Saw Mill River Road, Tarrytown, New York 10591 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the afbresaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs, and in and to any and all applications which have been or shall be filled in any country or countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of 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 filled, as may be applicable, and all Letters Patent of a country or countries which may be granted therefrom; and we do 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 Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

| Application No.: PCT/US2018/031077 | | | | |
|--|--------------|--------|---------------------------------------|------------------|
| IN TESTIMONY WHEREOF, I have hereunto set my hand this | DAY | day of | MONTH | YEAR |
| | | | Rachel P. ABNOTT | |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this | DAY | day of | MONTH | ZOLO VEAR |
| | , | | Scott BARTON | Allen Marian |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this | Z Y DAY | day of | 17 A Y | 2018 Year |
| | 27.5 | | Bart E. BURGESS | TEST |
| IN TESTIMONY WHEREOF, I have beceute set my hand this | 24 | day of | May | 2018 |
| | BAY | | MONTH Z D Bichard GILDERSLEEVE | YEAR |
| IN TESTIMONY WHEREOF, I have hereento set my hand this | | day of | | |
| IN TESTIMONY WHEREOF, I have heremate set my hand this | DAY 2 4 DAY | day of | MONTH Alexei GORALTCHOUK May MONTH | ZO IS |
| IN TESTIMONY WHEREOF, I have becousts set my hand this | 24 | day of | Bryan C. GRYGER | 2018 |
| | BAY | | MONTH HAY | YEAR |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this | DAY | day of | MONTH | YEAR |
| | | | Christopher KANEL | |
| N TESTIMONY WHEREOF, I have hereome set my hand this | 25 DAY | day of | MA1 month | ZOIB YEAR |
| | | Ţ | Trevor LANGLEY | isto Commence |
| N TESTIMONY WHEREOF, I have hereonto set my hand this | DAY | day of | May month | 2018 Year |

Page 2 of 2

Application No.: PCT/US2018/031077

ASSIGNMENT

WHEREAS, WE, Rachel P. ARNOTT, residing at 27 Cheteau Court, Loudonville, New York 12211, a citizen of the United States of America, Scott BARTON, residing at 67 Appletree Lane, Clifton Park, New York 12065, a citizen of the United States of America, Bart E. BURGESS, residing at 1802 Iris Street, Apartment 2, Glenmont, New York 12077, a citizen of the United States of America, Richard GILDERSLEEVE, residing at 153 Thornberry Lane, Rensselaer, New York 12144, a citizen of the United States of America, Alexei GORALTCHOUK, residing at #1104 - 8 Museum Way, Cambridge, Massachusetts 02141, a citizen of Canada, Bryan C. GRYGUS, residing at 41 Ginger Terrace, Clifton Park, New York 12065, a citizen of the United States of America, Daniel HALBIG, residing at 17 Sycamore Street, Balliston Lake, New York 12019, a citizen of the United States of America, Christopher KANEL, residing at 2601 County Route 27, Hudson, New York 12534, a citizen of the United States of America, Trever LANGLEY, residing at 4 Oak Lane, Apartment C, Rensselser, New York 12144, a citizen of the United States of America, and Alfred MARING, residing at 310 Great Barrington Road, Housatonic, Massachusetts 01236, a citizen of the United States of America, made certain new and useful inventions and improvements for which we filed International Application No. PCT/US2018/031977, on May 4, 2018, designating the United States of America, which is entitled AUTO-INJECTOR AND RELATED METHODS OF USE and claiming priority to Provisional Application Number 62/502,278, filed May 5, 2017.

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NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs, and in and to any and all applications which have been or shall be filled in any country or countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of 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 Letters Patent of a country or countries which may be granted therefrom; and we do 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 Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Application No.: PCT/US2018/031077 IN TESTIMONY WHEREOF, I have hereante set my hand this day of DAY MONTH Rachel P. ARNOTT IN TESTIMONY WHEREOF, I have hereunto set my hand this; MONTE Scott BARTON IN TESTIMONY WHEREOF, I have hereomto set my hand this Bart E. BURGESS IN TESTIMONY WHEREOF, I have hereunto set my hand this MONTH YEAR Richard GILDERSLEEVE IN TESTIMONY WHEREOF, I have hereunto set my hand this. AlexgrayyBALTCEFULK IN TESTIMONY WHEREOF, I have herennto set my hand this DAY YEAR Bryan C. GRYGUS IN TESTIMONY WHEREOF, I have bereinto set my hand this Daniel HALBIG IN TESTIMONY WHEREOF, I have hereunto set my hand this DAY Christopher KANEL IN TESTIMONY WHEREOF, I have hereunto set my hand this______ DAY MONTH YEAR Trever LANGLEY IN TESTIMONY WHEREOF, I have hereunto set my hand this

REGN Ref. No.: 10303WO01

Page 2 of 2

BAY

YEAR

MONTH

Alfred MARINO

REGN Ref. No.: 10303WO01 Application No.: PCT/US2018/031077

ASSIGNMENT

WHEREAS, WE, Rachel P. ARNOTT, residing at 27 Chateau Court, Loudonville, New York 12211, a citizen of the United States of America, Scott BARTON, residing at 67 Appletree Lane, Clifton Park, New York 12065, a citizen of the United States of America, Bart E. BURGESS, residing at 1802 Iris Street, Apartment 2, Glenmont, New York 12077, a citizen of the United States of America, Richard GILDERSLEEVE, residing at 153 Thomberry Lane, Rensselaer, New York 12144, a citizen of the United States of America, Alexel GORALTCHOUK, residing at #1104 - 8 Museum Way, Cambridge, Massachusetts 02141, a citizen of Canada, Bryan C. GRYGUS, residing at 41 Ginger Terrace, Clifton Park, New York 12065, a citizen of the United States of America, Daniel HALBIG, residing at 17 Sycamore Street, Ballston Lake, New York 12019, a citizen of the United States of America, Christopher KANEL, residing at 2601 County Route 27, Hudson, New York 12534, a citizen of the United States of America, Trever LANGLEY, residing at 4 Oak Lane, Apartment C, Rensselaer, New York 12144, a citizen of the United States of America, and Alfred MARINO, residing at 310 Great Barrington Road, Housatonic, Massachusetts 01236, a citizen of the United States of America, made certain new and useful inventions and improvements for which we filed International Application No. PCT/US2018/031977, on May 4, 2018, designating the United States of America, which is entitled AUTO-INJECTOR AND RELATED METHODS OF USE and claiming priority to Provisional Application Number 62/502,278, filed May 5, 2017.

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NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and all applications for industrial property protection, including, without limitation, all applications for patents utility models, and designs, and in and to any and all applications which have been or shall be filed in any country or countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Trenty, 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 Letters Patent of a country or countries which may be granted therefrom; and we do 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 Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

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AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

REGN Ref. No.: 10303WO01 Application No.: PCT/US2018/031077 IN TESTIMONY WHEREOF, I have bereaute set my hand this day of Rackel P. ARNOTT IN TESTIMONY WHEREOF, I have hereunto set my hand this day of MONTH Scott BARTON MONTH Bart E. BURGESS IN TESTIMONY WHEREOF, I have hereunto set my hand this MONTH Richard GILDERSLEEVE IN TESTIMONY WHEREOF, I have hereunto set my hand this MONTH Alexei GORALTCHOUK IN TESTIMONY WHEREOF, I have herenate set my hand this MONTH Bryan C. GRYGUS IN TESTIMONY WHEREOF, I have hereunto set my hand this______ MONTH Daniel HALBIG MONTH YEAR Trevor LANGLEY

Page 2 of 2

DAY

IN TESTIMONY WHEREOF, I have hereunto set my band this ______day of_______

PATENT REEL: 056351 FRAME: 0618

YEAR

MONTH

Alfred MARINO