

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4428261

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ERIC SMITH	11/16/2015
SAMUEL DAVIS	11/13/2015
BINDU VARGHESE	11/16/2015
JESSICA R. KIRSHNER	11/17/2015
GAVIN THURSTON	11/13/2015
ISRAEL LOWY	11/16/2015
CARRIE BROWNSTEIN	11/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	REGENERON PHARMACEUTICALS, INC.
<b>Street Address:</b>	777 OLD SAW MILL RIVER ROAD
<b>City:</b>	TARRYTOWN
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10591-6707
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2015061139
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(914)847-7705
<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>	9148475789
<b>Email:</b>	patents@regeneron.com
<b>Correspondent Name:</b>	REGENERON PHARMACEUTICALS, INC.
<b>Address Line 1:</b>	777 OLD SAW MILL RIVER ROAD
<b>Address Line 2:</b>	PATENT DEPARTMENT
<b>Address Line 4:</b>	TARRYTOWN, NEW YORK 10591
<b>ATTORNEY DOCKET NUMBER:</b>	10162WO01
<b>NAME OF SUBMITTER:</b>	PATRICK FITZGERALD
<b>SIGNATURE:</b>	/PATRICK FITZGERALD/
<b>DATE SIGNED:</b>	05/24/2017

PATENT

**Total Attachments: 21**

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## **ASSIGNMENT**

**WHEREAS**, I, **Eric SMITH**, residing at 310 Lexington Avenue, Apt. 4E, New York, New York 10016, a citizen of the United States of America, **Samuel DAVIS**, residing at 332 West 88<sup>th</sup> Street, Apt. B2, New York, New York 10024, a citizen of the United States of America, **Bindu VARGHESE**, residing at 19 Logans Way, Hopewell Junction, New York, 12533, a citizen of the United States of America, **Jessica R. KIRSHNER**, residing at 255 West 94th Street, Apt. 17K, New York, New York 10025, a citizen of the United States of America, **Gavin THURSTON**, residing at 20 Fuller Road, Briarcliff Manor, New York 10510, a citizen of the United States of America, **Israel LOWY**, residing at 42 Appleton Place, Dobbs Ferry, New York 10522, a citizen of the United States of America and **Carrie BROWNSTEIN**, residing at 12 W. 72nd street #16D, New York, New York 10023, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNOR"), is an inventor of the invention(s) disclosed and/or claimed in the following patent applications:

### **"METHODS AND ANTIBODY COMPOSITIONS FOR TUMOR TREATMENT"**

Serial No. 62/080,716; filed November 17, 2014

### **"METHODS FOR TUMOR TREATMENT"**

Serial No. 62/160,788; filed May 13, 2015

**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 my entire right, title and interest in, to, and under said application;

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, said ASSIGNOR, have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, my 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 patent application, and in and to said patent application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents which may be granted thereon and all reexamination certificates, amendments, and 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 patent application under the Patent Laws of the United States or any other country or countries foreign to 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 applicable international agreement or under the domestic laws of the country in which any such patent 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, reexamination certificates, amendments, and reissues thereof;

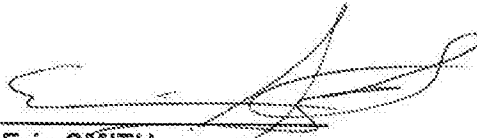
**AND I HEREBY** authorize and request the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on application as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

**AND I HEREBY** covenant and agree that I have full right to convey the entire interest hereinafter assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

**AND I HEREBY** further covenant and agree that I 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, reexamination, 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**, I hereunto set MY hands and seal the day and year set opposite my signature.

Date: 11/16/15

  
Eric SMITH

Date: \_\_\_\_\_

Samuel DAVIS

Date: \_\_\_\_\_

Bindu VARGHESE

Date: \_\_\_\_\_

Jessica R. KIRSHNER

Date: \_\_\_\_\_

Gavin THURSTON

Date: \_\_\_\_\_

Israel LOWY

Date: \_\_\_\_\_

Carrie BROWNSTEIN

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Date: \_\_\_\_\_

Date: 11/13/2015

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Eric SMITH

\_\_\_\_\_  
*Samuel Davis*  
Samuel DAVIS

\_\_\_\_\_  
Bindu VARGHESE

\_\_\_\_\_  
Jessica R. KIRSHNER

\_\_\_\_\_  
Gavin THURSTON

\_\_\_\_\_  
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Date: \_\_\_\_\_

\_\_\_\_\_  
Eric SMITH

Date: \_\_\_\_\_

\_\_\_\_\_  
Samuel DAVIS

Date: 11-16-15

Bindu Varghese  
Bindu VARGHESE

Date: \_\_\_\_\_

\_\_\_\_\_  
Jessica R. KIRSHNER

Date: \_\_\_\_\_

\_\_\_\_\_  
Gavin THURSTON

Date: \_\_\_\_\_

\_\_\_\_\_  
Israel LOWY

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\_\_\_\_\_  
Carrie BROWNSTEIN

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Date: \_\_\_\_\_

\_\_\_\_\_  
Eric SMITH

Date: \_\_\_\_\_

\_\_\_\_\_  
Samuel DAVIS

Date: \_\_\_\_\_

\_\_\_\_\_  
Bindu VARGHESE

Date: Nov. 17, 2015

Jessica R. Kirshner  
Jessica R. KIRSHNER

Date: \_\_\_\_\_

\_\_\_\_\_  
Gavin THURSTON

Date: \_\_\_\_\_

\_\_\_\_\_  
Israel LOWY

Date: \_\_\_\_\_

\_\_\_\_\_  
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Eric SMITH

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Jessica R. KIRSHNER

Date: 11/13/15

G. Thurston  
Gavin THURSTON

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Serial No. 62/160,788; filed May 13, 2015

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 my entire right, title and interest in, to, and under said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, said ASSIGNOR, have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, my 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 patent application, and in and to said patent application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents which may be granted thereon and all reexamination certificates, amendments, and 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 patent application under the Patent Laws of the United States or any other country or countries foreign to 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 applicable international agreement or under the domestic laws of the country in which any such patent 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, reexamination certificates, amendments, and reissues thereof;

AND I 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 application as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest hereinafter assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I 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, reexamination, 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, I hereunto set MY hands and seal the day and year set opposite my signature.

Date: \_\_\_\_\_

\_\_\_\_\_  
Eric SMITH

Date: \_\_\_\_\_

\_\_\_\_\_  
Samuel DAVIS

Date: \_\_\_\_\_

\_\_\_\_\_  
Bindu VARGHESE

Date: \_\_\_\_\_

\_\_\_\_\_  
Jessica R. KIRSHNER

Date: \_\_\_\_\_

\_\_\_\_\_  
Gavin THURSTON

Date: 16 Nov 2015

  
\_\_\_\_\_  
Israel LOWY

Date: \_\_\_\_\_

\_\_\_\_\_  
Carrie BROWNSTEIN

## ASSIGNMENT

WHEREAS, I, Eric SMITH, residing at 310 Lexington Avenue, Apt. 4E, New York, New York 10016, a citizen of the United States of America, Samuel DAVIS, residing at 332 West 88<sup>th</sup> Street, Apt. B2, New York, New York 10024, a citizen of the United States of America, Bindu VARGHESE, residing at 19 Logans Way, Hopewell Junction, New York, 12533, a citizen of the United States of America, Jessica R. KIRSHNER, residing at 255 West 94th Street, Apt. 17K, New York, New York 10025, a citizen of the United States of America, Gavin THURSTON, residing at 20 Fuller Road, Briarcliff Manor, New York 10510, a citizen of the United States of America, Israel LOWY, residing at 42 Appleton Place, Dobbs Ferry, New York 10522, a citizen of the United States of America and Carrie BROWNSTEIN, residing at 12 W. 72nd street #16D, New York, New York 10023, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNOR"), is an inventor of the invention(s) disclosed and/or claimed in the following patent applications:

**"METHODS AND ANTIBODY COMPOSITIONS FOR TUMOR TREATMENT"**

Serial No. 62/080,716; filed November 17, 2014

**"METHODS FOR TUMOR TREATMENT"**

Serial No. 62/160,788; filed May 13, 2015

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 my entire right, title and interest in, to, and under said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, said ASSIGNOR, have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, legal representatives, and assigns, my 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 patent application, and in and to said patent application and all divisions, renewals, continuations, and continuations-in-part thereof, and all Patents which may be granted thereon and all reexamination certificates, amendments, and 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 patent application under the Patent Laws of the United States or any other country or countries foreign to 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 applicable international agreement or under the domestic laws of the country in which any such patent 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, reexamination certificates, amendments, and reissues thereof;

AND I 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 application as aforesaid, to issue the same to the said ASSIGNEE, their successors, legal representatives and assigns, in accordance with this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest hereinafter assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I 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, reexamination, 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.

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Date: \_\_\_\_\_

\_\_\_\_\_  
Eric SMITH

Date: \_\_\_\_\_

\_\_\_\_\_  
Samuel DAVIS

Date: \_\_\_\_\_

\_\_\_\_\_  
Bindu VARGHESE

Date: \_\_\_\_\_

\_\_\_\_\_  
Jessica R. KIRSHNER


Date: \_\_\_\_\_

\_\_\_\_\_  
Gavin THURSTON

Date: \_\_\_\_\_

\_\_\_\_\_  
Israel LOWY

Date: 16 NOV 2015

  
\_\_\_\_\_  
Garrie BROWNSTEIN