

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LISA PURCELL	06/15/2017
NEIL GRAHAM	01/03/2018
ANDREW J MURPHY	06/26/2017
ROBERT EVANS	02/02/2018
RECEIVING PARTY DATA	
Name:	REGENERON PHARMACEUTICALS, INC.
Street Address:	777 OLD SAW MILL RIVER ROAD
City:	TARRYTOWN
State/Country:	NEW YORK
Postal Code:	10591-6707
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15436032
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	9148475571
Email:	patents@regeneron.com
Correspondent Name:	REGENERON PHARMACEUTICALS, INC.
Address Line 1:	777 OLD SAW MILL RIVER ROAD
Address Line 2:	PATENT DEPARTMENT
Address Line 4:	TARRYTOWN, NEW YORK 10591
ATTORNEY DOCKET NUMBER:	10209US01
NAME OF SUBMITTER:	PATRICK FITZGERALD
SIGNATURE:	/PATRICK FITZGERALD/
DATE SIGNED:	02/05/2018
Total Attachments: 12	
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ASSIGNMENT

WHEREAS, WE, **Lisa PURCELL**, residing at 88 Captain Shankey Drive, Garnerville, New York 10923, a citizen of Canada, **Neil GRAHAM**, residing at 33 Mount Green Road, Croton-on-Hudson, New York 10520, a citizen of the United States of America, **Andrew J. MURPHY**, residing at 10 Newton Court, Croton-on-Hudson, New York 10520, a citizen of the United States of America, and **Robert EVANS**, residing at 15 Ellery Street, Apartment 10, Cambridge, Massachusetts 02138, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the invention(s) disclosed and/or claimed in the following patent application:

"Methods for Enhancing Efficacy of a Vaccine by Administering an IL-4R Antagonist"

U.S. Serial No. 15/436,032; filed February 17, 2017

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 applications;

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 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 patent applications, and in and to said patent applications 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 applications 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 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, 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, WE hereunto set OUR hands and seal the day and year
set opposite our signatures.

Date: 15 Jun 2017



Lisa PURCELL

Date: _____

Neil GRAHAM

Date: _____

Andrew J. MURPHY

Date: _____

Robert EVANS

ASSIGNMENT

WHEREAS, WE, **Lisa PURCELL**, residing at 88 Captain Shankey Drive, Garnerville, New York 10923, a citizen of Canada, **Neil GRAHAM**, residing at 33 Mount Green Road, Croton-on-Hudson, New York 10520, a citizen of the United States of America, **Andrew J. MURPHY**, residing at 10 Newton Court, Croton-on-Hudson, New York 10520, a citizen of the United States of America, and **Robert EVANS**, residing at 15 Ellery Street, Apartment 10, Cambridge, Massachusetts 02138, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the invention(s) disclosed and/or claimed in the following patent application:

"Methods for Enhancing Efficacy of a Vaccine by Administering an IL-4R Antagonist"

U.S. Serial No. 15/436,032; filed February 17, 2017

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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;

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IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year
set opposite our signatures.

Date: _____

Lisa PURCELL

Date: 3 JAN 2018



Neil GRAHAM

Date: _____

Andrew J. MURPHY

Date: _____

Robert EVANS

ASSIGNMENT

WHEREAS, WE, **Lisa PURCELL**, residing at 88 Captain Shankey Drive, Garnerville, New York 10923, a citizen of Canada, **Neil GRAHAM**, residing at 33 Mount Green Road, Croton-on-Hudson, New York 10520, a citizen of the United States of America, **Andrew J. MURPHY**, residing at 10 Newton Court, Croton-on-Hudson, New York 10520, a citizen of the United States of America, and **Robert EVANS**, residing at 15 Ellery Street, Apartment 10, Cambridge, Massachusetts 02138, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the invention(s) disclosed and/or claimed in the following patent application:

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IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year
set opposite our signatures.

Date: _____

Lisa PURCELL

Date: _____

Neil GRAHAM

Date: 6/26/17



Andrew J. MURPHY

Date: _____

Robert EVANS

ASSIGNMENT

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IN TESTIMONY WHEREOF, WE hereunto set OUR hands and seal the day and year
set opposite our signatures.

Date: _____

Lisa PURCELL

Date: _____

Neil GRAHAM

Date: _____

Andrew J. MURPHY

Date: 2-2-18



Robert EVANS