

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EVAN MAXWELL	04/10/2017
LUKAS HABEGGER	04/10/2017
JEFFREY REID	04/10/2017
<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>Application Number:</b>	15431715
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 4:</b>	TARRYTOWN, NEW YORK 10591
<b>ATTORNEY DOCKET NUMBER:</b>	10193US01
<b>NAME OF SUBMITTER:</b>	PATRICK FITZGERALD
<b>SIGNATURE:</b>	/PATRICK FITZGERALD/
<b>DATE SIGNED:</b>	04/16/2017
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

**WHEREAS**, WE, **Evan MAXWELL**, residing at 156 Warrington Round, Danbury, Connecticut 06810, a citizen of the United States of America, **Lukas HABEGGER**, residing at 1 Harbor Point Road, Unit 1205, Stamford, Connecticut 06902, a citizen of the United States of America and Switzerland, and **Jeffrey REID**, residing at 1253 Westover Road, Stamford, Connecticut 06902, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS"), are inventors of the inventions disclosed and/or claimed in the following patent application:

**"Methods and Systems for Detection of Abnormal Karyotypes"**

Serial No. 15/431,715; filed February 13, 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 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 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.

Date: 4/10/2017

  
Evan MAXWELL

Date: 4/10/2017

  
Lukas HABEGGER

Date: 4/10/2017

  
Jeffrey REID