

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John MCWHIRTER</td> <td>08/02/2013</td> </tr> <tr> <td>Lynn MACDONALD</td> <td>06/24/2013</td> </tr> <tr> <td>Joel H. MARTIN</td> <td>07/16/2013</td> </tr> <tr> <td>Andrew J. MURPHY</td> <td>06/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	John MCWHIRTER	08/02/2013	Lynn MACDONALD	06/24/2013	Joel H. MARTIN	07/16/2013	Andrew J. MURPHY	06/25/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>REGENERON PHARMACEUTICALS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>777 Old Saw Mill River Road</td> </tr> <tr> <td>City:</td> <td>Tarrytown</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10591-6707</td> </tr> </table>		Name:	REGENERON PHARMACEUTICALS, INC.	Street Address:	777 Old Saw Mill River Road	City:	Tarrytown	State/Country:	NEW YORK	Postal Code:	10591-6707
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CORRESPONDENCE DATA											
<p>Fax Number: 3033571671  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 303-357-1670        Email: sfisher@merchantgould.com        Correspondent Name: Merchant &amp; Gould P.C.        Address Line 1: P.O. Box 2903        Address Line 4: Minneapolis, MINNESOTA 55402-0903</p>											
ATTORNEY DOCKET NUMBER:	40848.0038USU1										
NAME OF SUBMITTER:	Cara L. Crowley-Weber										
Signature:	/Cara L. Crowley-Weber/										

Date:

09/25/2013

Total Attachments: 2

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**ASSIGNMENT**

**WHEREAS**, I (WE), John MCWHIRTER, residing at Tarrytown, NY, Lynn MACDONALD, residing at White Plains, NY, Joel H. MARTIN, residing at Putnam Valley, NY and Andrew J. MURPHY, residing at Croton-on-Hudson, NY; (HEREINAFTER CALLED "ASSIGNORS") am (are) inventor(s) of the invention(s) disclosed and/or claimed in the following patent application(s):

Serial No.13/834,129, filed March 15, 2013, titled:  
**"Non-Human Animals Expressing pH-Sensitive Immunoglobulin Sequences"**

**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 (our) entire right, title and interest in, to, and under said application(s);

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to me (us) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I (WE), said ASSIGNOR(S), 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, my (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(s), and in and to said United States Application(s) 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(s) 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 I (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 I (WE) HEREBY** covenant and agree that I (WE) have full right to convey the entire interest hereinafter assigned, and that I (WE) have not executed, and will not execute, any agreement in conflict herewith;

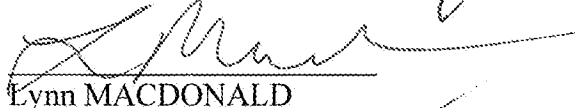
**AND I (WE) HEREBY** further covenant and agree that I (WE) will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me (us) respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, continuation-in-part, 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**, I (WE) hereunto set my (OUR) hand(s) and seal the day and year set opposite our signatures.

Date: 8/2/13

  
John MCWHIRTER

Date: 6/24/13

  
Lynn MACDONALD

Date: 7/16/13

  
Joel H. MARTIN

Date: 6/25/13

  
Andrew J. MURPHY