

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>Margaret Karow</td> <td>08/19/2013</td> </tr> <tr> <td>Lynn Macdonald</td> <td>08/06/2013</td> </tr> <tr> <td>Sean Stevens</td> <td>08/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Margaret Karow	08/19/2013	Lynn Macdonald	08/06/2013	Sean Stevens	08/14/2013						
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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															
Fax Number:	6178327000														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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Address Line 4:	Boston, MASSACHUSETTS 02111														

CH \$240.00 6596541

PATENT

ATTORNEY DOCKET NUMBER:	RPB-001.01
NAME OF SUBMITTER:	Wendy Herron
Signature:	/Wendy Herron/
Date:	08/28/2013
Total Attachments: 3 source=FHBOSTON-#4166546-v1-RPB_ASSIGNMENT_(KAROW)#page1.tif source=FHBOSTON-#4167777-v1-RPB-001_01_EXECUTED_ASSIGNMENT_(MACDONALD)#page1.tif source=FHBOSTON-#4166536-v1-RPB_ASSIGNMENT_(STEVENS)#page1.tif	

ASSIGNMENT

I, Margaret Karow of 12655 Ridge Drive, Santa Rosa Valley, CA 93012, for valuable consideration received from **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., the receipt of which is hereby acknowledged, have sold, assigned, transferred, and do hereby sell, assign and transfer unto said

REGENERON PHARMACEUTICALS, INC.

its successors 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 following patents and patent applications:

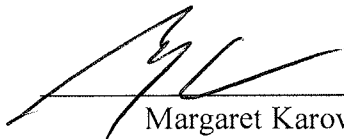
- U.S. Patent Application Number 09/784,859, filed on February 16, 2001 and issued as U.S. Patent Number 6,596,541 on July 22, 2003;
- U.S. Patent Application Number 10/076,840, filed on February 15, 2002 and issued as U.S. Patent Number 7,105,348 on September 12, 2006;
- U.S. Patent Application Number 11/595,427, filed on November 9, 2006;
- U.S. Patent Application Number 13/154,976, filed on June 7, 2011;
- U.S. Patent Application Number 13/164,176, filed on June 20, 2011;
- U.S. Patent Application Number 13/719,819, filed on December 19, 2012;
- U.S. Patent Application Number 13/719,842 filed on December 19, 2012;

as well as 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 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 said corporation, its successors and assigns.

8/19/13

Date



Margaret Karow

ASSIGNMENT

I, Lynn Macdonald of 16 Gedney Way, White Plains, NY 10605, USA, for valuable consideration received from **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., the receipt of which is hereby acknowledged, have sold, assigned, transferred, and do hereby sell, assign and transfer unto said

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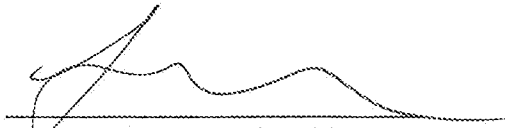
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9/6/13

Date



Lynn Macdonald

ASSIGNMENT

I, Sean Stevens of 344 Berry Street #413, San Francisco, CA 94158, for valuable consideration received from **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., the receipt of which is hereby acknowledged, have sold, assigned, transferred, and do hereby sell, assign and transfer unto said

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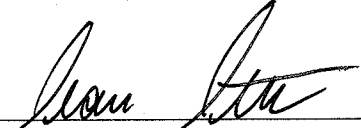
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8/14/13

Date


Sean Stevens