PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LYNN MACDONALD	04/23/2013
ANDREW J. MURPHY	05/07/2013
NAXIN TU	04/26/2013
CAGAN GURER	04/24/2013
VERA VORONINA	05/08/2013
SEAN STEVENS	04/14/2013

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:	14455237

CORRESPONDENCE DATA

Fax Number: (914)847-7705

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.

Phone: 914-847-5589

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:	1200DIV1-US
NAME OF SUBMITTER:	ALICE CROWE
SIGNATURE:	/Alice Crowe/
DATE SIGNED:	09/09/2014

Total Attachments: 3

PATENT

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ATTY DOCKET NO.: 1210P/1210A

USSN: 61/552,584 USSN: 13/661,116 ASSIGNMENT Page 1 of 3

ASSIGNMENT

WHEREAS, WE, Lynn MACDONALD, residing at 16 Gedney Way, White Plains, New York 10605, 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; Naxin TU, residing at 514 Washington Avenue, Pleasantville, New York 10570, a citizen of the People's Republic of China; Cagan GURER, residing at 8 Pamela Lane, Valhalla, New York 10595, a citizen of Turkey; Vera VORONINA, residing at 33 Gramercy Place, Thornwood, New York 10594, a citizen of the United States of America; and Sean STEVENS, residing at 355 Berry Street, #413, San Francisco, California 94158, a citizen of the United States of America (HEREINAFTER CALLED "ASSIGNORS") are inventors of the inventions disclosed and/or claimed in the following patent applications:

"Humanized MHC Class II" – Serial No. 61/552,584, filed 28 October 2011; and
"Genetically Modified Major Histocompatibility Complex Mice" – Serial No. 13/661,116, filed 26 October 2012

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 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 applications, and in and to said United States Applications 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

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United States applications 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: $\frac{4/23/13}{5/7/13}$

nn MACDONALD

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Date: 4/26/13

Naxin TU

Date: 04 24 13

Cagan GURER

Date: 05/8/13

Vera VORONINA

Date: 4/14/13

Sean STEVENS

PATENT REEL: 033699 FRAME: 0813

RECORDED: 09/09/2014