

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Harmon Zuccola</td> <td>06/24/2013</td> </tr> <tr> <td>Marc Jacobs</td> <td>06/27/2013</td> </tr> <tr> <td>Lovorka Swenson</td> <td>06/24/2013</td> </tr> <tr> <td>Kumkum Saxena</td> <td>06/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Harmon Zuccola	06/24/2013	Marc Jacobs	06/27/2013	Lovorka Swenson	06/24/2013	Kumkum Saxena	06/24/2013
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<table border="1"> <tr> <td>Name:</td> <td>Vertex Pharmaceuticals Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>130 Waverly Street</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	Vertex Pharmaceuticals Incorporated	Street Address:	130 Waverly Street	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139
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CORRESPONDENCE DATA											
Fax Number: 6173416483 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617-341-6100 Email: Carolyn_Anderson@vrtx.com Correspondent Name: Vertex Pharmaceuticals Incorporated Address Line 1: 130 Waverly Street Address Line 4: Cambridge, MASSACHUSETTS 02139											
ATTORNEY DOCKET NUMBER:	VPI/03-17 US DV1 AND DV2										
NAME OF SUBMITTER:	Carolyn Anderson										

Signature:	/Carolyn Anderson/
Date:	07/09/2013
Total Attachments: 7 source=03-17US-WO-Assignment#page1.tif source=03-17US-WO-Assignment#page2.tif source=03-17US-WO-Assignment#page3.tif source=03-17US-WO-Assignment#page4.tif source=03-17US-WO-Assignment#page5.tif source=03-17US-WO-Assignment#page6.tif source=03-17US-WO-Assignment#page7.tif	

ASSIGNMENT

We,

- (1) Harmon Zuccola, of Westwood, Massachusetts;
- (2) Marc Jacobs, of Boston, Massachusetts;
- (3) Lovorka Swenson, of Belmont, Massachusetts; and
- (4) Kumkum Saxena, of Framingham, Massachusetts;

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, by virtue of our agreement with Vertex Pharmaceuticals Incorporated and do hereby assign, sell and transfer to, Vertex Pharmaceuticals Incorporated, a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having an office and a place of business at 130 Waverly Street, Cambridge, MA 02139, its successors and assigns, all hereinafter referred to as the ASSIGNEE:

(1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all of my/our inventions, and discoveries disclosed in:

(a) the application for United States Letters Patent entitled: CRYSTAL STRUCTURE OF HUMAN JAK3 KINASE DOMAIN COMPLEX AND BINDING POCKETS THEREOF, and filed in the United States Patent and Trademark Office on April 26, 2005, under Application Number 11/114,979, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: CRYSTAL STRUCTURE OF HUMAN JAK3 KINASE DOMAIN COMPLEX AND BINDING POCKETS THEREOF, filed under the Patent Cooperation Treaty in the United States Receiving Office on April 26, 2005, under Application No. PCT/US2005/014216, and designating all countries, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor;

(2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names at the election of the ASSIGNEE or its designee, on the aforesaid inventions, discoveries and applications in the United States and in any other country of the world;

(3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world, and in and to any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof; and

(4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications including, but not limited to, the following priority application(s):

60/566,393	US	April 28, 2004
Application No.	Country	Filing Date
60/669,771	US	April 8, 2005
Application No.	Country	Filing Date

and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

Harmon Zuccola

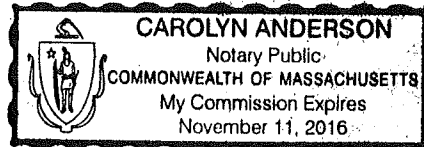
(1) Harmon Zuccola

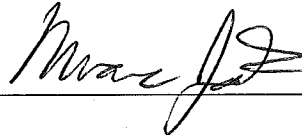
Date: 6/24/13

Commonwealth of Massachusetts
County of Middlesex

On this 24th day of June, 2013, before me, the undersigned notary public, personally appeared Harmon Zuccola, proved to me through satisfactory evidence of identification which was/were: ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Carolyn Anderson
Notary Public
My Commission Expires: Nov. 11, 2016



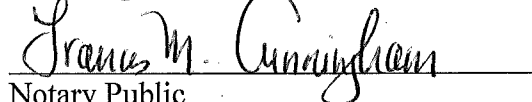


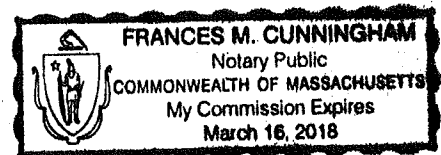
(2) Marc Jacobs

Date: June 27, 2013

Commonwealth of Massachusetts
County of Middlesex

On this 27th day of June, 2013, before me, the undersigned notary public, personally appeared Marc Jacobs, proved to me through satisfactory evidence of identification which was/were: ☐ personal knowledge of identity, ☒ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.


Notary Public
My Commission Expires: 3/16/2018.



L. Swenson

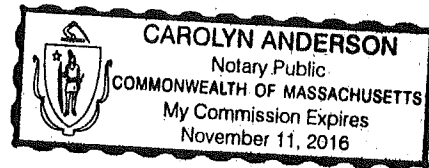
(3) Lovorka Swenson

Date: 6/24/13

Commonwealth of Massachusetts
County of Middlesex

On this 24th day of June, 2013, before me, the undersigned notary public, personally appeared Lovorka Swenson, proved to me through satisfactory evidence of identification which was/were: ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Carolyn Anderson
Notary Public
My Commission Expires: Nov. 11, 2016



Kumkum Saxena

(4) Kumkum Saxena

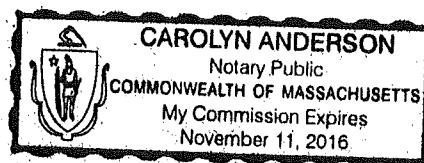
Date: 6/24/2013

Commonwealth of Massachusetts
County of Middlesex

On this 24th day of June, 2013, before me, the undersigned notary public, personally appeared Kumkum Saxena, proved to me through satisfactory evidence of identification which was/were: ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Carolyn Anderson
Notary Public

My Commission Expires: Nov. 11, 2016



ACKNOWLEDGMENT OF ASSIGNEE

By: 
Stephen L. Nesbitt
Vice President and Chief IP Counsel
VERTEX PHARMACEUTICALS INCORPORATED

Date: June 27, 2013

Commonwealth of Massachusetts
County of Middlesex

On this 27th day of June, 2013, before me, the undersigned notary public, personally appeared Stephen L. Nesbitt (name of document signer), proved to me through satisfactory evidence of identification which was/were: ☒ personal knowledge of identity, ☐ a driver's license, ☐ other (please identify) _____, to be the person whose name is signed on this document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.


Notary Public
My Commission Expires: Nov. 11, 2016

