

PATENT ASSIGNMENT COVER SHEET

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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>ALI KESHA VARZ-SHOKRI</td> <td>12/05/2008</td> </tr> <tr> <td>BEILI ZHANG</td> <td>12/19/2008</td> </tr> <tr> <td>MARIUSZ KRAWIEC</td> <td>12/04/2008</td> </tr> </tbody> </table>		Name	Execution Date	ALI KESHA VARZ-SHOKRI	12/05/2008	BEILI ZHANG	12/19/2008	MARIUSZ KRAWIEC	12/04/2008		
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MARIUSZ KRAWIEC	12/04/2008										
RECEIVING PARTY DATA											
<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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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13933223</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13933223						
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CORRESPONDENCE DATA											
Fax Number: Email: leslie_garbarczuk@vrtx.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: VERTEX PHARMACEUTICALS INCORPORATED Address Line 1: 130 WAVERLY STREET Address Line 4: CAMBRIDGE, MASSACHUSETTS 02139											
ATTORNEY DOCKET NUMBER:	VPI/07-145 US DV1										
NAME OF SUBMITTER:	LESLIE GARBARCZUK										
Signature:	/Leslie Garbarczuk/										
Date:	10/17/2013										

CH \$40.00 13933223

Total Attachments: 14

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ASSIGNMENT

We,

- (1) Ali Keshavarz-Shokri, of San Diego, California;
- (2) Beili Zhang, of San Diego, California; and
- (3) Mariusz Krawiec, of Marlborough, Massachusetts,

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, 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: SOLID FORMS OF 3-(6-(1-(2,2-DIFLUOROBENZO[D][1,3]DIOXOL-5-YL)CYCLOPROPANECARBOXAMIDO)-3-METHYLPYRIDIN-2-YL)BENZOIC ACID, and filed in the United States Patent and Trademark Office on December 4, 2008, under Application Number 12/327,902, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: SOLID FORMS OF 3-(6-(1-(2,2-DIFLUOROBENZO[D][1,3]DIOXOL-5-YL)CYCLOPROPANECARBOXAMIDO)-3-METHYLPYRIDIN-2-YL)BENZOIC ACID, filed under the Patent Cooperation Treaty in the United States Receiving Office on December 4, 2008, under Application No. PCT/US08/85456, 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):

61/012,162	United States of America	December 7, 2007
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

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.

Ali Keshavarz-Shokri

(1) Ali Keshavarz-Shokri

Date: December 5, 2008

State of California

County of San Diego ss

Subscribed and sworn to (or affirmed) before me this (date) 5th, day of

December, 2008 by Ali Keshavarz-Shokri, proved to

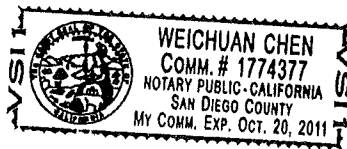
me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Wm

Notary Public

My Commission Expires: 10-20-2011

(Notary Seal)



Beili Zhang

(2) Beili Zhang

Date: Dec. 19, 2008

State of California

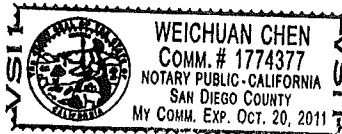
County of San Diego ss

Subscribed and sworn to (or affirmed) before me this (date) 19th, day of
December, 20 08 by Beili Zhang, proved to
me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Weichuan Chen
Notary Public

My Commission Expires: 10-20-2011

(Notary Seal)



(3) Mariusz Krawiec

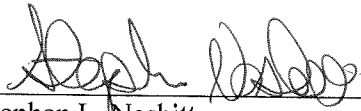
Date: _____

Commonwealth of Massachusetts
County of Middlesex

On this _____ day of _____, 2008, before me, the undersigned notary public, personally appeared Mariusz Krawiec, 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: _____.

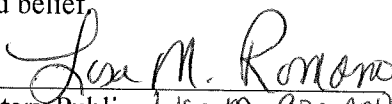
ACKNOWLEDGMENT OF ASSIGNEE

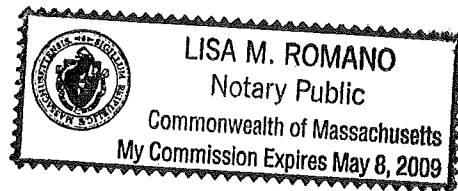
By: 
Stephen L. Nesbitt
Chief Patent Counsel
VERTEX PHARMACEUTICALS INCORPORATED

Date: April 2, 2009

Commonwealth of Massachusetts
County of Middlesex

On this 2nd day of April, 2009, 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 Lisa M. Romano
My Commission Expires: 5/8/09.



ASSIGNMENT

We,

- (1) Ali Keshavarz-Shokri, of San Diego, California;
- (2) Beili Zhang, of San Diego, California; and
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(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):

61/012,162	United States of America	December 7, 2007
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.

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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.

(1) Ali Keshavarz-Shokri

Date: _____

State of California

County of _____ ss

Subscribed and sworn to (or affirmed) before me this (date) _____, day of
_____, 20 ____ by _____, proved to
me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Notary Public
My Commission Expires: _____.

(Notary Seal)

(2) Beili Zhang

Date: _____

State of California

County of _____ ss

Subscribed and sworn to (or affirmed) before me this (date) _____, day of
_____, 20 ____ by _____, proved to
me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Notary Public
My Commission Expires: _____.

(Notary Seal)

Mariusz Krawiec

(3) Mariusz Krawiec

Date: December 04, 2008

Commonwealth of Massachusetts
County of Middlesex

On this 4th day of December, 2008, before me, the undersigned notary public, personally appeared Mariusz Krawiec, 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.


Lauren DeVincenzo
Notary Public

My Commission Expires: 12-26-08



LAUREN DeVINCENZO
Notary Public
Commonwealth of Massachusetts
My Commission Expires
December 26, 2008

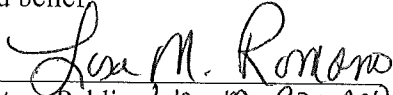
ACKNOWLEDGMENT OF ASSIGNEE

By: 
Stephen L. Nesbitt
Chief Patent Counsel
VERTEX PHARMACEUTICALS INCORPORATED

Date: April 2, 2009

Commonwealth of Massachusetts
County of Middlesex

On this 2nd day of April, 2008⁹, 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 Lisa M. Romano
My Commission Expires: 5/8/09

