

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hayley Binch</td> <td>02/17/2010</td> </tr> <tr> <td>Peter D.J. Grootenhuis</td> <td>02/16/2010</td> </tr> <tr> <td>Sara S. Hadida Ruah</td> <td>02/17/2010</td> </tr> <tr> <td>Jinglan Zhou</td> <td>02/17/2010</td> </tr> </tbody> </table>		Name	Execution Date	Hayley Binch	02/17/2010	Peter D.J. Grootenhuis	02/16/2010	Sara S. Hadida Ruah	02/17/2010	Jinglan Zhou	02/17/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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											
<p>Fax Number: (617)444-6483</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 617-444-6100</p> <p>Email: lisa_romano@vrtx.com</p> <p>Correspondent Name: Nancy K. Brennan</p> <p>Address Line 1: 130 Waverly Street</p> <p>Address Line 4: Cambridge, MASSACHUSETTS 02139</p>											
ATTORNEY DOCKET NUMBER:	VPI/07-107 US										
NAME OF SUBMITTER:	Nancy K. Brennan										
<p>Total Attachments: 7</p> <p>source=VPI_07_107US_ASSN#page1.tif</p>											

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ASSIGNMENT

We,

- (1) Hayley Binch, of Encinitas, California;
- (2) Peter D.J. Grootenhuis, of San Diego, California;
- (3) Sara S. Hadida Ruah, of La Jolla, California; and
- (4) Jinglan Zhou, of San Diego, California,

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 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: **MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR**, filed in the United States Patent and Trademark Office on **November 23, 2009** under Application No.: **12/623,626** including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(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):

<u>PCT/US2008/064646</u>	<u>WO</u>	<u>23-May-2008</u>
Application No.	Country	Filing Date
<u>60/968,704</u>	<u>US</u>	<u>29-August-2007</u>
Application No.	Country	Filing Date
<u>60/931,775</u>	<u>US</u>	<u>25-May-2007</u>
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.

(1) Hayley Binch
Hayley Binch

Date: 02/17/10

State of California

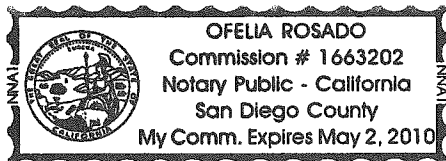
County of San Diego)

On 2/17/10 before me, Hayley Binch personally appeared, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Ofelia Rosado (Seal)



(2)


Peter D. J. Grootenhuis

Date: 2/16/2010

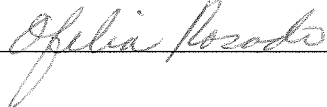
State of California

County of San Diego)

On 2/16/10 before me, Peter D.J. Grootenhuis personally appeared, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



(3) Medida
Sara S. Hadida Ruah

Date: 2/17/2010

State of California

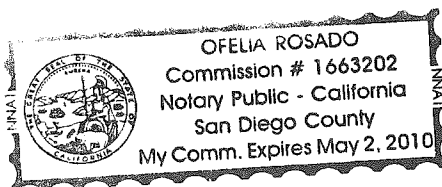
County of San Diego

On 2/17/2010 before me, Sara S. Hadida Ruah personally appeared, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Ofelia Rosado (Seal)



(4)

Jinglan Zhou

Date:

2/17/2010

State of California

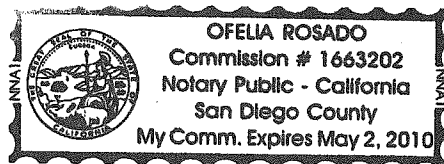
County of San Diego

On 2/17/10 before me, Jinglan Zhou personally appeared, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

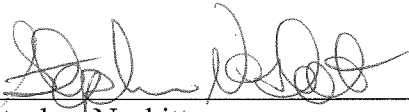
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WITNESS my hand and official seal.

Signature Ofelia Rosado (Seal)



ACKNOWLEDGMENT OF ASSIGNEE

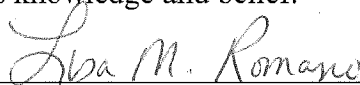
By: 
Stephen Nesbitt

Title: Chief Patent Counsel

Date: March 5, 2010

State of Massachusetts
County of Middlesex

On this 5th day of March, 2010, before me, the undersigned notary public, personally appeared Stephen Nesbitt, proved to me through satisfactory evidence of identification which were personal knowledge, 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 knowledge and belief.


Notary Public
My Commission Expires: 5-13-2016

