

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Esther Martinborough</td> <td>03/28/2008</td> </tr> <tr> <td>Danielle Lehsten</td> <td>03/27/2008</td> </tr> <tr> <td>Timothy Neubert</td> <td>04/02/2008</td> </tr> <tr> <td>Aarti Sameer Kawatkar</td> <td>04/27/2008</td> </tr> <tr> <td>Nicole Zimmermann</td> <td>04/04/2008</td> </tr> <tr> <td>Andreas Termin</td> <td>04/01/2008</td> </tr> </tbody> </table>		Name	Execution Date	Esther Martinborough	03/28/2008	Danielle Lehsten	03/27/2008	Timothy Neubert	04/02/2008	Aarti Sameer Kawatkar	04/27/2008	Nicole Zimmermann	04/04/2008	Andreas Termin	04/01/2008
Name	Execution Date														
Esther Martinborough	03/28/2008														
Danielle Lehsten	03/27/2008														
Timothy Neubert	04/02/2008														
Aarti Sameer Kawatkar	04/27/2008														
Nicole Zimmermann	04/04/2008														
Andreas Termin	04/01/2008														
RECEIVING PARTY DATA															
Name:	VERTEX PHARMACEUTICALS INCORPORATED														
Street Address:	130 Waverly Street														
City:	Cambridge														
State/Country:	MASSACHUSETTS														
Postal Code:	02139														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11546669</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11546669										
Property Type	Number														
Application Number:	11546669														
CORRESPONDENCE DATA															
Fax Number:	(617)444-6483														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	617 444-6100														
Email:	lisa_romano@vrtx.com														
Correspondent Name:	VERTEX PHARMACEUTICALS INCORPORATED														
Address Line 1:	130 Waverly Street														
Address Line 4:	Cambridge, MASSACHUSETTS 02139														
ATTORNEY DOCKET NUMBER:	VPI/05-149 US														
NAME OF SUBMITTER:	Michael J. DiVerdi														

CH \$40.00 11546669

Total Attachments: 9

source=VPI05149ASSN#page1.tif
source=VPI05149ASSN#page2.tif
source=VPI05149ASSN#page3.tif
source=VPI05149ASSN#page4.tif
source=VPI05149ASSN#page5.tif
source=VPI05149ASSN#page6.tif
source=VPI05149ASSN#page7.tif
source=VPI05149ASSN#page8.tif
source=VPI05149ASSN#page9.tif

ASSIGNMENT

We,

- (1) Esther Martinborough, of San Diego, California;
- (2) Danielle Lehsten, of San Diego, California;
- (3) Timothy Neubert, of San Diego, California;
- (4) Aarti Sameer Kawatkar, of San Diego, California;
- (5) Nicole Zimmermann, of San Diego, California; and
- (6) Andreas Termin, of Encinitas, 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 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: BIPHENYL DERIVATIVES AS MODULATORS OF VOLTAGE GATED ION CHANNELS, and filed in the United States Patent and Trademark Office on October 12, 2006, under Application Number 11/546,669, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: BIPHENYL DERIVATIVES AS MODULATORS OF VOLTAGE GATED ION CHANNELS, filed under the Patent Cooperation Treaty in the United States Receiving Office on October 12, 2006 under Application No. PCT/US06/40156 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):

60/725,686	US	October 12, 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.



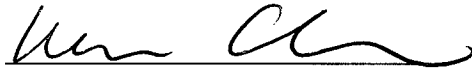
(1) Esther Martinborough

Date: 03/28/08

State of California

County of San Diego ss

Subscribed and sworn to (or affirmed) before me this (date) 28th, day of
March, 2008 by Esther Martinborough, proved to
me on the basis of satisfactory evidence to be the person(s) who appeared before me.



Notary Public

My Commission Expires: 10-20-2011.

(Notary Seal)



Danielle Lehsten

(2) Danielle Lehsten

Date: 3/27/08

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: Karen Schmitt

Printed Name of Witness: Karen Schmitt

this 3/27/08 day of March
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: Lindsay Kotula

Printed Name of Witness: Lindsay Kotula

this 27th day of March 2008
Date of signing

Timothy Neubert

(3) Timothy Neubert

Date: 4/2/08

State of California

County of San Diego ss

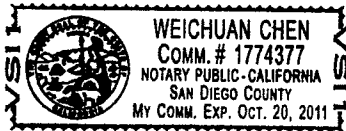
Subscribed and sworn to (or affirmed) before me this (date) 2nd, day of
April, 2008 by Timothy Neubert, proved to
me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Weichuan Chen

Notary Public

My Commission Expires: 10-20-2011

(Notary Seal)



ArBab
(4) Aarti Sameer Kawatkar

Date: 04/27/08

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: Sameer Kawatkar 04/27/08

Printed Name of Witness: SAMEER KAWATKAR

this 27th day of APRIL 2008
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: Lisa Romano

Printed Name of Witness: Lisa Romano

this 8th day of May, 2008
Date of signing

Nicole Zimmerman

(5) Nicole Zimmermann

Date: 04/04/2008

State of California

County of San Diego ss

Subscribed and sworn to (or affirmed) before me this (date) 4th, day of

April, 2008 by Nicole Zimmermann, proved to

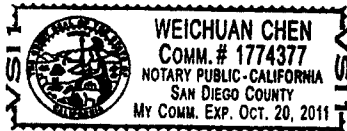
me on the basis of satisfactory evidence to be the person(s) who appeared before me.

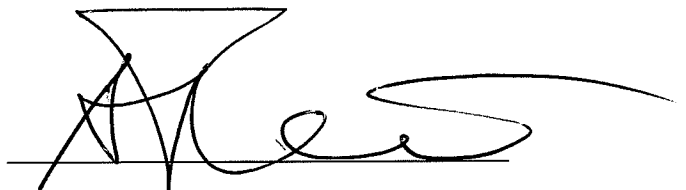
Weichuan Chen

Notary Public

My Commission Expires: 10-20-2011

(Notary Seal)





(6) Andreas Termin

Date: 04 / 01 / 2008

State of California

County of San Diego ss

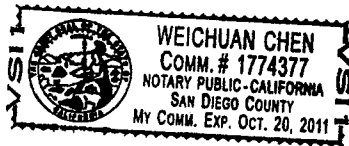
Subscribed and sworn to (or affirmed) before me this (date) 1st, day of
April, 2008 by Andreas Termin, proved to
me on the basis of satisfactory evidence to be the person(s) who appeared before me.



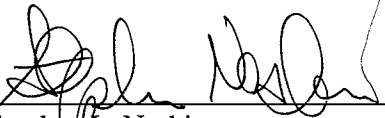
Notary Public

My Commission Expires: 10-20-2011

(Notary Seal)



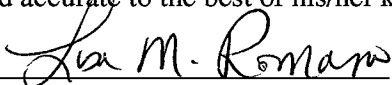
ACKNOWLEDGMENT OF ASSIGNEE

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

Date: May 7, 2008

Commonwealth of Massachusetts
County of Middlesex

On this 7th day of May, 2008, before me, the undersigned notary public, personally appeared Stephen L. Nesbitt, 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: 5/8/09

