

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Pramod Joshi</td> <td>11/07/2008</td> </tr> <tr> <td>Paul Krenitsky</td> <td>11/07/2008</td> </tr> <tr> <td>Andreas Termin</td> <td>11/07/2008</td> </tr> <tr> <td>Dean Wilson</td> <td>10/10/2008</td> </tr> </tbody> </table>		Name	Execution Date	Pramod Joshi	11/07/2008	Paul Krenitsky	11/07/2008	Andreas Termin	11/07/2008	Dean Wilson	10/10/2008
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Dean Wilson	10/10/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Vertex Pharmaceuticals Incorporated										
<b>Street Address:</b>	130 Waverly Street										
<b>Internal Address:</b>	Michael C. Badia										
<b>City:</b>	Cambridge										
<b>State/Country:</b>	MASSACHUSETTS										
<b>Postal Code:</b>	02139										
<b>PROPERTY NUMBERS Total: 2</b>											
<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><b>PCT Number:</b></td> <td>US0879542</td> </tr> <tr> <td><b>Application Number:</b></td> <td>12249230</td> </tr> </tbody> </table>		Property Type	Number	<b>PCT Number:</b>	US0879542	<b>Application Number:</b>	12249230				
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<b>PCT Number:</b>	US0879542										
<b>Application Number:</b>	12249230										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(617)444-6483										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	617-908-0171										
<b>Email:</b>	Lauren_DeVincenzo@vrtx.com										
<b>Correspondent Name:</b>	Vertex Pharmaceuticals Incorporated										
<b>Address Line 1:</b>	130 Waverly Street										
<b>Address Line 2:</b>	Michael C. Badia										
<b>Address Line 4:</b>	Cambridge, MASSACHUSETTS 02139										
<b>ATTORNEY DOCKET NUMBER:</b>	VPI/07-140 US										

**CH \$80.00 US0879542**

NAME OF SUBMITTER:

Michael C. Badia

**Total Attachments: 16**

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**ASSIGNMENT**

We,

- (1) Pramod Joshi, of San Diego, California;
- (2) Paul Krenitsky, of San Diego, California;
- (3) Andreas Termin, of Encinitas, California; and
- (4) Dean Wilson, of Bedford, 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: HETEROARYL AMIDES USEFUL AS INHIBITORS OF VOLTAGE-GATED SODIUM CHANNELS, and filed in the United States Patent and Trademark Office on October 10, 2008, under Application Number 12/249,230, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: HETEROARYL AMIDES USEFUL AS INHIBITORS OF VOLTAGE-GATED SODIUM CHANNELS, filed under the Patent Cooperation Treaty in the United States Receiving Office on October 10, 2008, under Application No. PCT/US2008/079542, 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):

60/979,258	United States of America	October 11, 2007
Application No.	Country	Filing Date

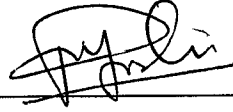
and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

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

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) Pramod Joshi

Date: 11/7/08

State of California

County of San Diego ss

Subscribed and sworn to (or affirmed) before me this (date) 7<sup>th</sup>, day of

November, 2008 by Pramod Joshi, proved to

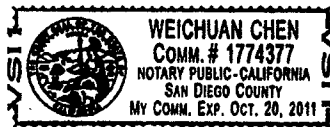
me on the basis of satisfactory evidence to be the person(s) who appeared before me.



Notary Public

My Commission Expires: 10-20-2011

(Notary Seal)



Paul Krenitsky

(2) Paul Krenitsky

Date: ~~10/7/11~~ <sup>PK</sup> 11/7/08

State of California

County of San Diego ss

Subscribed and sworn to (or affirmed) before me this (date) 7<sup>th</sup>, day of

November, 20 08 by Paul Krenitsky, proved to

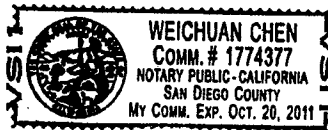
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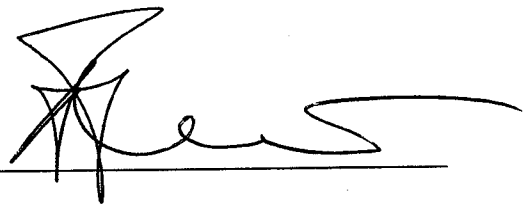
[Signature]

Notary Public

My Commission Expires: 10-20-2011

(Notary Seal)





(3) Andreas Termin

Date: 11 / 7 / 08


State of California

County of San Diego ss

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November, 20 08 by Andreas Termin, proved to

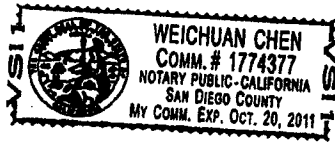
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Notary Public

My Commission Expires: 10-20-2011

(Notary Seal)





\_\_\_\_\_  
(4) Dean Wilson

Date: \_\_\_\_\_

Commonwealth of Massachusetts  
County of Middlesex

On this \_\_\_\_\_ day of \_\_\_\_\_, 2008 before me, the undersigned notary public, personally appeared Dean Wilson, 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  
Stephen L. Nesbitt  
Chief Patent Counsel  
VERTEX PHARMACEUTICALS INCORPORATED

Date: November 10, 2008

Commonwealth of Massachusetts  
County of Middlesex

On this 10th day of November 2008, 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.

Lauren DeVincenzo  
Notary Public  
My Commission Expires: 12-26-08



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

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We,

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- (2) Paul Krenitsky, of San Diego, California;
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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):

60/979,258	United States of America	October 11, 2007
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\_\_\_\_\_  
(1) Pramod Joshi

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) Paul Krenitsky

Date: \_\_\_\_\_

State of California

County of \_\_\_\_\_ ss

Subscribed and sworn to (or affirmed) before me this (date) \_\_\_\_\_, day of  
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\_\_\_\_\_  
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My Commission Expires: \_\_\_\_\_.

(Notary Seal)

\_\_\_\_\_  
(3) Andreas Termin

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)



Dean Wilson

(4) Dean Wilson

Date: 10 Oct 08

Commonwealth of Massachusetts  
County of Middlesex

On this 10th day of October 2008 before me, the undersigned notary public, personally appeared Dean Wilson, 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: Steph Nesbitt 11/10/2008

Commonwealth of Massachusetts  
County of Middlesex

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 LAUREN DeVINCENZO  
Notary Public  
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My Commission Expires  
December 26, 2008