

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Dean Wilson	09/11/2006
Andreas Termin	09/11/2006
Timothy Neubert	08/29/2006
Jian Wang	08/29/2006
Yulian Zhang	02/09/2006
Jesus Gonzalez III	09/11/2006
Esther Martinborough	08/29/2006
Nicole Zimmermann	08/30/2006

## RECEIVING PARTY DATA

Name:	Vertex Pharmaceuticals Incorporated
Street Address:	130 Waverly Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10912912

## CORRESPONDENCE DATA

Fax Number: (617)444-6483  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 617-444-6467  
Email: susan\_batty-gunn@vrtx.com  
Correspondent Name: Michael C. Badia  
Address Line 1: 130 Waverly Street  
Address Line 2: Intellectual Property Department  
Address Line 4: Cambridge, MASSACHUSETTS 02139

CH \$40.00 10912912

ATTORNEY DOCKET NUMBER:

VPI/03-118

NAME OF SUBMITTER:

Michael C. Badia

Total Attachments: 12

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

**FORM PTO-1595**  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

**U.S. DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

Please record the attached original documents or copy thereof.

**1. Name of conveying party(ies):**

Dean Wilson (executed 9/11/06)  
Andreas Termin (executed 9/11/06)  
Timothy Neubert (executed 8/29/06)  
Jian Wang (executed 8/29/06)  
Yulian Zhang (executed 2/9/06)  
Jesus Gonzalez III (executed 9/11/06)  
Esther Martinborough (executed 8/29/06)  
Nicole Zimmermann (executed 8/30/06)

**2. Name and address of receiving party(ies)**

Name: VERTEX PHARMACEUTICALS INCORPORATED

Internal Address:

Street Address: 130 WAVERLY STREET  
CAMBRIDGE, MASSACHUSETTS 02139-4242

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance:**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

**A. Patent Application No(s):****B. Patent No(s):**

10/912,912

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address of party to whom correspondence  
Concerning document should be mailed:**

Name: Michael C. Badia  
Address: VERTEX PHARMACEUTICALS INCORPORATED  
130 Waverly Street  
Cambridge, MA 02139-4242

**6. Total number of applications and patents involved: [ 1 ]****7. Total fee (37 CFR 3.41) \$40.00**

☐ Enclosed

☒ The Commissioner is authorized to charge Deposit Account No:  
50-0725, Reference No. VPI/03-118 US (duplicate copy attached).

DO NOT USE THIS SPACE

**9. Statement and signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Michael C. Badia, Reg. No.: 51,424



September 14, 2006

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: [11]

Mail documents to be recorded with required cover sheet information to:

**MAIL STOP ASSIGNMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ASSIGNMENT**

I/We,

- (1) Dean Wilson, of San Diego, CA;
- (2) Andreas Termin, of Encinitas, CA;
- (3) Timothy Neubert, of San Diego, CA;
- (4) Jian Wang, of San Diego, CA;
- (5) Yulian Zhang, of San Diego, CA;
- (6) Jesus Gonzalez III, of Carlsbad, CA;
- (7) Esther Martinborough, of San Diego, CA; and
- (8) Nicole Zimmermann, of San Diego, CA;

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:  
COMPOSITIONS USEFUL AS INHIBITORS OF VOLTAGE-GATED ION CHANNELS, and filed in the United States Patent and Trademark Office on August 5, 2004, under Application Number 10/912,912, including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: COMPOSITIONS USEFUL AS INHIBITORS OF VOLTAGE-GATED ION CHANNELS, filed under the Patent Cooperation Treaty in the United States Receiving Office on August 5, 2004 under Application No. PCT/US2004/025559 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):

60/493,036	United States	August 5, 2003
Application No.	Country	Filing Date
Application No.	Country	Filing Date

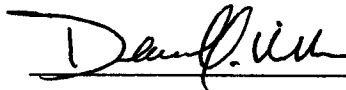
and all rights of priority in any country of the world deriving from the above-identified International Patent Application.

I/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.

I/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.

I/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) Dean Wilson

Date: 9/11/06

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: 

Printed Name of Witness: Michael C. Bodia

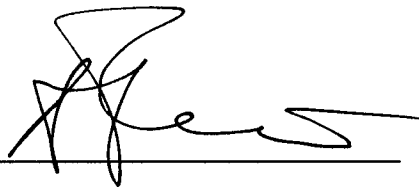
this 11<sup>th</sup> day of Sept. 2006.  
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_ day of \_\_\_\_\_.  
Date of signing



(2) Andreas Termin

Date: 9/11/06

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: Michael C. Badin

Printed Name of Witness: Michael C. Badin

this 11<sup>th</sup> day of Sept. 2006.  
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_ day of \_\_\_\_\_.  
Date of signing

Timothy Neubert

(3) Timothy Neubert

Date: 8/29/06

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: B-R-B

Printed Name of Witness: Brian R Bear

this 29 day of AUGUST 2006  
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: Narendra Ambhakar

Printed Name of Witness: NARENDRA AMBHAKAR

this 29 day of August, 2006  
Date of signing

\_\_\_\_\_  
(4) Jian Wang

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

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_  
Date of signing



\_\_\_\_\_  
(3) Timothy Neubert

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

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_  
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_\_ day of \_\_\_\_\_  
Date of signing

\_\_\_\_\_  
(4) Jian Wang

Date: 8/29/2006

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: \_\_\_\_\_

Printed Name of Witness: Alexey Anikin

this 29 day of August 2006  
Date of signing

\_\_\_\_\_  
COSINA MUI  
Aug 29, 2006

\_\_\_\_\_  
(4) Jian Wang

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

Commonwealth of Massachusetts

County of Middlesex

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me, the undersigned notary public, personally appeared Jian Wang and proved to me through satisfactory evidence of identification 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) Yulian Zhang

Date: 2-9-06

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: 

Printed Name of Witness: Jianxin Han

this 9<sup>th</sup> day of Feb. 2006.  
Date of signing

\_\_\_\_\_  
(5) Yulian Zhang

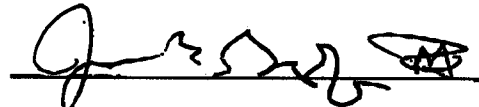
Date: \_\_\_\_\_

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

this \_\_\_\_ day of \_\_\_\_\_  
Date of signing



(6) Jesus Gonzalez III

Date: 9/11/06

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: Charles J. Cohen

Printed Name of Witness: CHARLES J. COHEN

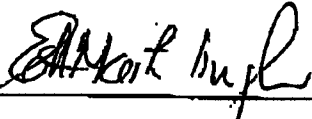
this 11 day of September, 2006  
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: 

Printed Name of Witness: Esther Martinborough

this 9th day of September 2006.  
Date of signing

  
(7) Esther Martinborough  
Date: 08/29/06

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: 

Printed Name of Witness: Nicola Salamone

this 29 day of August 2006  
Date of signing

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: 

Printed Name of Witness: ERICA ENRIGHT

this 29 day of August 2006  
Date of signing

Nicole Z -

(8) Nicole Zimmermann

Date: 08/30/2006

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: Erica Enright

Printed Name of Witness: ERICA ENRIGHT

this 30 day of August 2006  
Date of signing

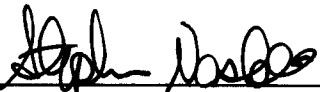
IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: N. Salamone

Printed Name of Witness: Nicola Salamone

this 30 day of August 2006  
Date of signing

ACKNOWLEDGMENT OF ASSIGNEE

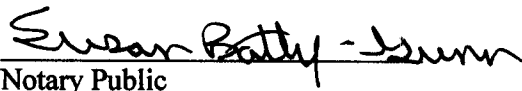
By:   
Stephen L. Nesbitt  
Chief Patent Counsel

Date: 12 Sep 2006

Commonwealth of Massachusetts

County of Middlesex

On this 12<sup>th</sup> day of September 2006, before me, the undersigned notary public, personally appeared Stephen L. Nesbitt and proved to me through satisfactory evidence of identification 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: 5/26/11

