

Attorney Docket No. : VPI/02-138 US

**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):**

a) Jesus E. Gonzalez III; b) Dean M. Wilson; c) Andreas P. Termin; d) Peter D.J. Grootenhuis; e) Yulian Zhang; f) Benjamin J. Petzoldt; g) Lev T. D. Fanning; h) Timothy D. Neubert; i) Roger D. Tung; j) Esther Martinborough; k) Nicole Zimmerman

**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:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

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

Execution Date: a) 3/24/04; b) 3/24/04; c) 4/24/04; d) 3/24/04; e) 3/15/04; f) 04/12/04; g) 04/14/04; h) 03/24/04; i) 03/24/04; j) 03/24/04; k) 03/24/04

**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):**

10792,688

**B. Patent No(s):**Additional numbers attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence Concerning document should be mailed:**

Name: Nandakumar Govindaswamy  
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/02-138 US.

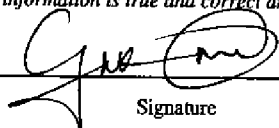
DO NOT USE THIS SPACE

**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.

Nandakumar Govindaswamy

Name of Person Signing



Signature

May 5, 2004

Date

Total number of pages including cover sheet, attachments, and document: [ 16 ]

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

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the U.S. Patents and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

CH \$40.00 500725 10792688

PATENT

REEL: 014604 FRAME: 0743

700082663

Docket No.: VPI/02-138 US

**ASSIGNMENT**

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Jesus E. Gonzalez III of San Diego, CA; Dean Mitchell Wilson of San Diego, CA; Andreas Peter Termin of Encinitas, CA; Peter Diederik Jan Grootenhuis of San Diego, CA; Yulian Zhang of San Diego, CA; Benjamin John Petzoldt of La Jolla, CA; Lev Tyler Dewey Fanning of San Diego, CA; Timothy Donald Neubert of San Diego, CA; Roger D. Tung of San Diego, CA; Esther Martinborough of San Diego, CA; and Nicole Zimmerman of San Diego, CA** hereby:

Sell, assign and transfer to **Vertex Pharmaceuticals Incorporated**, having a place of business at **130 Waverly Street, Cambridge, MA 02139**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**COMPOSITIONS USEFUL AS INHIBITORS OF VOLTAGE-GATED SODIUM CHANNELS**" filed **March 3, 2004**, and given serial number **10/792,688** (*I/We authorize Vertex Pharmaceuticals Incorporated to fill in the blank when a serial number is assigned.*) in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; including International Patent Application Number **PCT/US04/06451** and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority deriving from any of the above-identified application(s) including, but not limited to the following priority application(s):

<u>60/463,797</u>	<u>US</u>	<u>April 18, 2003</u>
Application No.	Country	Filing Date
<u>60/451,458</u>	<u>US</u>	<u>March 3, 2003</u>
Application No.	Country	Filing Date

Agree that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said ASSIGNEE, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said ASSIGNEE all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Docket No.: VPI/02-138 US

Hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenant with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us, and that full right to convey the same as herein expressed is possessed by us.

Docket No.: VPI/02-138 US

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 24<sup>th</sup> day of March, 2004.

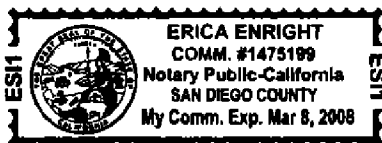
Jesus E. Gonzalez III  
Signature

Jesus E. Gonzalez III  
Printed Name

STATE OF California

COUNTY OF San Diego

Before me this 24<sup>th</sup> day of March, 2004, personally appeared **Jesus E. Gonzalez III** known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



Erica Enright  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 24<sup>th</sup> day of March, 2004.

Dean M. Wilson  
Signature  
Dean M. Wilson  
Printed Name

STATE OF CaliforniaCOUNTY OF San Diego

Before me this 24<sup>th</sup> day of March, 2004, personally appeared  
**Dean Mitchell Wilson** known to me (or proved to me on the basis of satisfactory evidence) to be  
the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she  
executed the same as his/her free act and deed for the purposes therein contained.




Erica Enright  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 24<sup>th</sup> day of March, 2004.

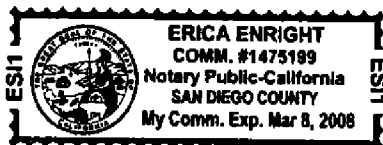
  
\_\_\_\_\_  
Signature

Andreas Termin  
\_\_\_\_\_  
Printed Name

STATE OF California

COUNTY OF San Diego

Before me this 24<sup>th</sup> day of March, 2004, personally appeared  
Andreas Peter Termin known to me (or proved to me on the basis of satisfactory evidence) to  
be the person whose name is subscribed to the foregoing Assignment and acknowledged that  
he/she executed the same as his/her free act and deed for the purposes therein contained.



Erica Enright  
\_\_\_\_\_  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

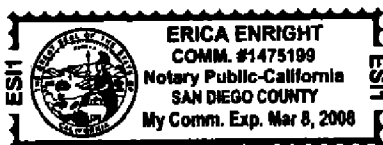
IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 24<sup>th</sup> day of March, 2004.

Signature

PETER D. J. GROOTENHUIS  
Printed Name

STATE OF CaliforniaCOUNTY OF San Diego

Before me this 24<sup>th</sup> day of March, 2004, personally appeared **Peter Diederik Jan Grootenhuis** known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.



Erica Enright  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

Date:

Signature of: **Andreas Peter Termin**

IN WITNESS WHEREOF, We have hereunto set hand and seal

Signature of witness: [PRINT or TYPE NAME]

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

Date:

Signature of: **Peter Diederik Jan Grootenhuis**

IN WITNESS WHEREOF, We have hereunto set hand and seal

Signature of witness: [PRINT or TYPE NAME]

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

Date:

3-15-2004

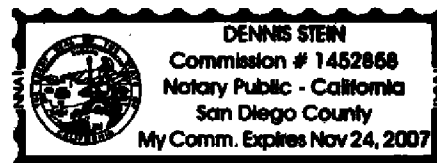
Signature of: **Yulian Zhang**

IN WITNESS WHEREOF, We have hereunto set hand and seal

**Dennis Stein**  
Signature of witness: [PRINT or TYPE NAME]

this 15<sup>th</sup> day of **March** 2004  
Date of signing

State of California  
County of San Diego  
Subscribed & Sworn to before me  
This 15<sup>th</sup> Day of **March** 2004.  
X **Dennis Stein**



Docket No.: VPI/02-138 US

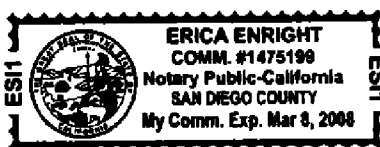
IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego,  
this 12<sup>th</sup> day of April, 2004.

Signature

Printed Name

STATE OF CaliforniaCOUNTY OF San Diego

Before me this 12<sup>th</sup> day of April, 2004, personally appeared  
**Benjamin John Petzoldt** known to me (or proved to me on the basis of satisfactory evidence) to  
be the person whose name is subscribed to the foregoing Assignment and acknowledged that  
he/she executed the same as his/her free act and deed for the purposes therein contained.



NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

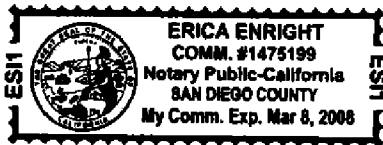
IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 14<sup>th</sup> day of April, 2004

Signature

Dewey Fanning  
Printed Name

STATE OF CaliforniaCOUNTY OF San Diego

Before me this 14<sup>th</sup> day of April, 2004, personally appeared  
**Lev Tyler Dewey Fanning** known to me (or proved to me on the basis of satisfactory evidence)  
to be the person whose name is subscribed to the foregoing Assignment and acknowledged that  
he/she executed the same as his/her free act and deed for the purposes therein contained.



Erica Enright  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 24<sup>th</sup> day of March, 2004.

*Timothy Donald Neubert*  
Signature

Timothy Donald Neubert  
Printed Name

STATE OF California

COUNTY OF San Diego

Before me this 24<sup>th</sup> day of March, 2004, personally appeared  
**Timothy Donald Neubert** known to me (or proved to me on the basis of satisfactory evidence)  
to be the person whose name is subscribed to the foregoing Assignment and acknowledged that  
he/she executed the same as his/her free act and deed for the purposes therein contained.



*Erica Enright*  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 24<sup>th</sup> day of March, 2004.

Signature

Roger Tung

Printed Name

STATE OF CaliforniaCOUNTY OF San Diego

Before me this 24<sup>th</sup> day of March, 2004, personally appeared  
**Roger D. Tung** known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the  
person whose name is subscribed to the foregoing Assignment and acknowledged that he/~~she~~  
executed the same as his/~~her~~ free act and deed for the purposes therein contained.



Erica Enright  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 24<sup>th</sup> day of March, 2004.

*Esther Martinborough*  
Signature  
Esther Martinborough  
Printed Name

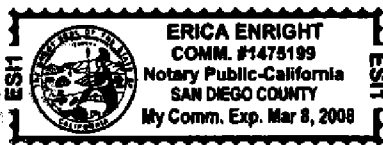
STATE OF California  
COUNTY OF San Diego

Before me this 24<sup>th</sup> day of March, 2004, personally appeared  
**Esther Martinborough** known to me (or proved to me on the basis of satisfactory evidence) to  
be the person whose name is subscribed to the foregoing Assignment and acknowledged that  
he/she executed the same as his/her free act and deed for the purposes therein contained.



*Erica Enright*  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: March 8, 2008

Docket No.: VPI/02-138 US

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA,  
this 24<sup>th</sup> day of March, 2004.

Nicole Zimmer

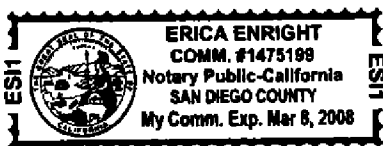
Signature

NICOLE ZIMMERMANN

Printed Name

STATE OF CaliforniaCOUNTY OF San Diego

Before me this 24<sup>th</sup> day of March, 2004, personally appeared  
Nicole Zimmermann known to me (or proved to me on the basis of satisfactory evidence) to be  
the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she  
executed the same as his/her free act and deed for the purposes therein contained.

Erica Enright

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[Notary's Seal Here]

My Commission Expires: March 8, 2008