

Attorney Docket No. : VPI/02-05 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) Jeffrey O. Saunders; b) Gregory F. Miknis; and c) James F. Blake

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

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other _____☐ Merger☐ Change of Name

2. Name and address of receiving party(ies)

Name: VERTEX PHARMACEUTICALS INCORPORATED

Internal Address:

Street Address: 130 WAVERLY STREET
CAMBRIDGE, MASSACHUSETTS 02139-4242Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: a) 3/8/04; b) 3/26/04; and c) 3/26/04

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):

10/749,121

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No5. 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

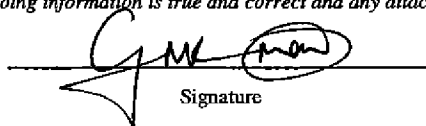
☐ Enclosed☒ The Commissioner is authorized to charge Deposit Account No:
50-0725, Reference No.

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



May 5, 2004

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: [10]

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 10749121

700082667

PATENT
REEL: 014602 FRAME: 0132

Attorney Docket No.: VPI/02-05 US

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned **Jeffrey O. Saunders of Acton, MA; Gregory F. Miknis of Broomfield, CO; and James F. Blake of Longmont, CO** hereby:

Sell, assign and transfer to **Vertex Pharmaceuticals Incorporated**, having a place of business at **130 Waverly Street, Cambridge, MA 02139-4242**, 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 **"SULFHYDANTOINS AS PHOSPHATE ISOSTERES"** filed **December 30, 2003**, and given serial number **10/749,121** (*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/US03/41630** 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>60/437,572</u>	<u>US</u>	<u>December 30, 2002</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.


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.

Agree that said Assignment is effective as of the date of **December 30, 2003**.

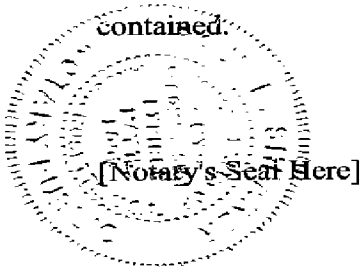
Attorney Docket No.: VPI/02-05 US

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA,
this 8th day of March, 2004.


Jeffrey D. Saunders

STATE OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me this 8th day of March, 2004, personally appeared
the above known to me to be the person whose name of subscribed to the foregoing Assignment
and acknowledged that he executed the same as his free act and deed for the purposes therein



NOTARY PUBLIC

My Commission Expires:



PAUL L. SHEARER
Notary Public
Commonwealth of Massachusetts
My Commission Expires
May 15, 2009

Attorney Docket No.: VPI/02-05 US

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2004.

Gregory F. Miknis

STATE OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me this _____ day of _____, 2004, personally appeared
the above known to me to be the person whose name of subscribed to the foregoing Assignment
and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

Attorney Docket No.: VPI/02-05 US

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2004.

James F. Blake

STATE OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me this _____ day of _____, 2004, personally appeared
the above known to me to be the person whose name of subscribed to the foregoing Assignment
and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:

Attorney Docket No.: VPI/02-05 US

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Sell, assign and transfer to **Vertex Pharmaceuticals Incorporated**, having a place of business at **130 Waverly Street, Cambridge, MA 02139-4242**, 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 **"SULFHYDANTOINS AS PHOSPHATE ISOSTERES"** filed **December 30, 2003**, and given serial number **10/749,121** (*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/US03/41630** 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):

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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.

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.

Agree that said Assignment is effective as of the date of **December 30, 2003**.

Attorney Docket No.: VPI/02-05 US

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2004.

Jeffrey O. Saunders

STATE OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me this _____ day of _____, 2004, personally appeared
the above known to me to be the person whose name of subscribed to the foregoing Assignment
and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires:



Attorney Docket No.: VPI/02-05 US

IN WITNESS WHEREOF, I hereto set my hand and seal at UPS STORE, BOULDER, CO
this 26 day of MARCH, 2004.


Gregory F. Miknis

Colorado
STATE OF ~~MASSACHUSETTS~~
COUNTY OF ~~MIDDLESEX~~
Boulder

Before me this 26th day of March, 2004, personally appeared
the above known to me to be the person whose name of subscribed to the foregoing Assignment
and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

 
NOTARY PUBLIC

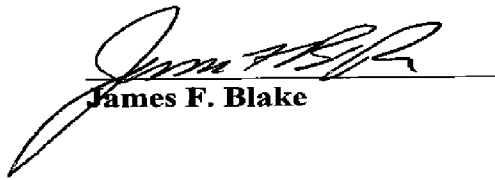
[Notary's Seal Here]



My Commission Expires: 6/24/06

Attorney Docket No.: VPI/02-05 US

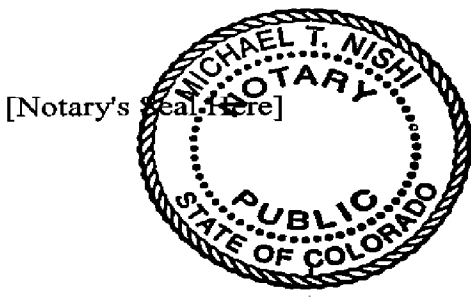
IN WITNESS WHEREOF, I hereto set my hand and seal at Boulder, Colorado,
this 26th day of MARCH, 2004.


James F. Blake

Colorado
STATE OF ~~MASSACHUSETTS~~
COUNTY OF ~~MIDDLESEX~~
Boulder

Before me this 26th day of March, 2004, personally appeared
the above known to me to be the person whose name of subscribed to the foregoing Assignment
and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.


NOTARY PUBLIC



My Commission Expires: 6/24/06