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DA
VPI/03-139

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OMB No. 0651-0027 (exp. 6/30/2005)

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RECORDATION FORM COVER SHEET
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Alex Aronov; David J. Lauffer;
Pan Li; Ronald C. Tomlinson

Execution Date(s) 11/23/2004; 11/23/2004; 11/29/2004;
11/23/2004

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Vertex Pharmaceuticals Incorporated

Internal Address: _____

Street Address: 130 Waverly Street

City: Cambridge

State: MA

Country: USA Zip: 02139-4242

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

4. Application or patent number(s):

A. Patent Application No.(s)

~~10/936,450~~ 10/936,470

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: James F. Haley

Internal Address: Fish & Neave IP Group

Ropes & Gray LLP

Street Address: 1251 Avenue of the Americas

City: New York

State: NY Zip: 10020

Phone Number: 212-596-9000

Fax Number: 212-596-9090

Email Address: michele.kercher@ropesgray.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 06-1075

Authorized User Name Michele A. Kercher

9. Signature: Michele A. Kercher
Signature

February 28, 2005

Date

Michele A. Kercher (Reg. No. 51,869)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

03/08/2005 6T0H11 00000083 061075 10936470

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PATENT
REEL: 016330 FRAME: 0929

ASSIGNMENT

I/We,

1. Alex Aronov;
2. David J. Lauffer;
3. Pan Li; and
4. Ronald C. Tomlinson;

residing respectively at

1. 13 Circuit Lane, Watertown, MA 02472;
2. 254 Taylor Road, Stow, MA 01775;
3. 15 Mystic View Terrace, Arlington, MA 02474; and
4. 15 Intervale Road, Sudbury, MA 01776;

have made inventions and discoveries disclosed in an application for

Letters Patent in the United States, entitled: COMPOSITIONS USEFUL AS
INHIBITORS OF PROTEIN KINASES, under Application No. 10/936,470, filed
September 7, 2004.

We, for good and valuable consideration, receipt of which is hereby
acknowledged, have assigned, sold and transferred to and do hereby sell, assign and
transfer to VERTEX PHARMACEUTICALS INCORPORATED, a corporation
organized and existing under the laws of the Commonwealth of Massachusetts and
having an office and place of business at 130 Waverly Street, Cambridge, Massachusetts
02139-4242, its successors and assigns: (1) the entire right, title and interest in the
United States and in all countries throughout the world in and to said invention and
discoveries and in and to said United States Patent Application, 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 VERTEX PHARMACEUTICALS INCORPORATED, its designee, or in our names at VERTEX PHARMACEUTICALS INCORPORATED, or its designee's election, on the aforesaid inventions in all countries 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 country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in 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.

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 VERTEX PHARMACEUTICALS INCORPORATED as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.


We agree, at any time, upon the request of VERTEX PHARMACEUTICALS INCORPORATED to execute and to deliver to VERTEX PHARMACEUTICALS INCORPORATED 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 VERTEX PHARMACEUTICALS INCORPORATED 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 VERTEX PHARMACEUTICALS INCORPORATED 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.

It is our intention that this Assignment be effective and all rights transferred herein shall be considered to have vested in VERTEX PHARMACEUTICALS INCORPORATED on September 4, 2003 and December 8, 2003, the filing dates of United States Application Nos. 60/500,199 and 60/527,907, respectively.

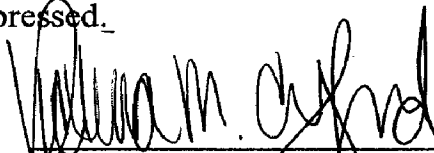
ASSIGNOR(S):

IN TESTIMONY WHEREOF, we have hereunto signed our names at the
place and on the date indicated hereinafter:

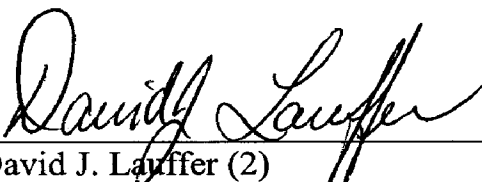


Alex Aronov (1)

On this 23rd day of November, 2004, Alex Aronov (1) personally
appeared before me, a Notary Public in and for the Commonwealth of Massachusetts, and
executed the foregoing Assignment and duly acknowledged to me that such Assignment
was executed for the uses and purposes therein expressed.

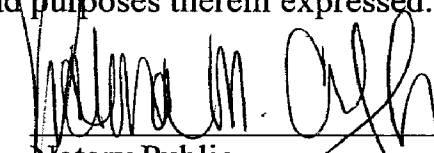


Notary Public
MY COMMISSION EXPIRES MARCH 6, 2009

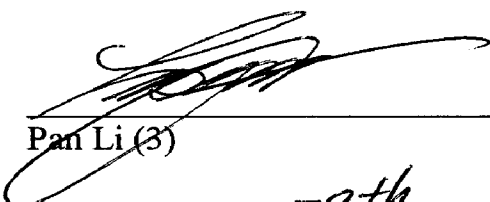


David J. Lauffer (2)

On this 23rd day of November, 2004, David J. Lauffer (2)
personally appeared before me, a Notary Public in and for the Commonwealth of
Massachusetts, and executed the foregoing Assignment and duly acknowledged to me
that such Assignment was executed for the uses and purposes therein expressed.

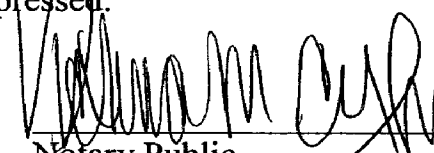


Notary Public
MY COMMISSION EXPIRES MARCH 6, 2009



Pan Li (3)

On this 29th day of November, 2004, Pan Li (3) personally
appeared before me, a Notary Public in and for the Commonwealth of Massachusetts, and
executed the foregoing Assignment and duly acknowledged to me that such Assignment
was executed for the uses and purposes therein expressed.



Notary Public
MY COMMISSION EXPIRES MARCH 6, 2009

Ronald C. Tomlinson
Ronald C. Tomlinson (4)

On this 23rd day of November, 2004, Ronald C. Tomlinson (4) personally appeared before me, a Notary Public in and for the Commonwealth of Massachusetts, and executed the foregoing Assignment and duly acknowledged to me that such Assignment was executed for the uses and purposes therein expressed.

Marian Cyford
Notary Public


MY COMMISSION EXPIRES

MARCH 6, 2009

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of VERTEX
PHARMACEUTICALS INCORPORATED

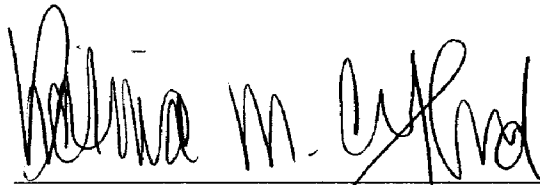
By:



Stephen L. Nesbitt
Chief Patent Counsel

On this 1st day of December, 2004, Stephen L. Nesbitt

personally appeared before me, a Notary Public in and for the Commonwealth of
Massachusetts, and duly acknowledged the executed Assignment on behalf of the
Assignee.



Notary Public

MY COMMISSION EXPIRES:

March 6, 2009