

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Juan-Miguel Jimenez	06/01/2010
Michael Mortimore	06/01/2010
Philip Collier	05/26/2010
Andrew Miller	06/01/2010
Stephen Young	06/01/2010
Chau Mak	06/01/2010
Chris Davis	06/01/2010
Heather Twin	06/01/2010
Guy Brenchley	06/01/2010
Dean Boyall	06/01/2010
Shazia Keily	06/01/2010
Luca Settimo	06/01/2010

**RECEIVING PARTY DATA**

Name:	VERTEX PHARMACEUTICALS INCORPORATED
Street Address:	130 Waverly Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139

**PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	12262459
PCT Number:	US0881933

**CORRESPONDENCE DATA**

Fax Number: (617)444-6483  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

CH \$80.00 12262459

Phone: 617-444-6100  
Email: patents@vrtx.com  
Correspondent Name: VERTEX PHARMACEUTICALS INCORPORATED  
Address Line 1: 130 Waverly Street  
Address Line 4: Cambridge, MASSACHUSETTS 02139

ATTORNEY DOCKET NUMBER:	VPI/07-148 US
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NAME OF SUBMITTER:	Susan C. Kelly
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**Total Attachments: 22**

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**ASSIGNMENT**

We,

- (1) Juan-Miguel Jimenez, of Abingdon, Oxfordshire;
- (2) Michael Mortimore, of Abingdon, Oxfordshire;
- (3) Philip Collier, of Cambridge, Massachusetts;
- (4) Andrew Miller, of Abingdon, Oxfordshire;
- (5) Stephen Young, of Abingdon, Oxfordshire;
- (6) Chau Mak of Abingdon, Oxfordshire;
- (7) Chris Davis of Abingdon, Oxfordshire;
- (8) Heather Twin of Abingdon, Oxfordshire;
- (9) Guy Brenchley of Abingdon, Oxfordshire;
- (10) Dean Boyall of Abingdon, Oxfordshire;
- (11) Shazia Keily of Abingdon, Oxfordshire; and
- (12) Luca Settimo of Abingdon, Oxfordshire,

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: KINASE INHIBITORS , and filed in the United States Patent and Trademark Office on October 31, 2008, under Application Number 12/262,459<sup>1</sup>, including any renewals, revivals,

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<sup>1</sup> We authorize and request ASSIGNEE to insert the filing date and/or application number of said application when known.

reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: [1H-PYRAZOLO [3,4-B] PYRIDINE-4-YL] –PHENYL OR –PYRIDIN-2-YLE DERIVATIVES AS PROTEIN KINASE C-THETA, filed under the Patent Cooperation Treaty in the United States Receiving Office on October 31, 2008, under Application Number PCT/US2008/081933 ;

(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):

Application No.	Country	Filing Date
61/100,808	US	September 29, 2008
Application No.	Country	Filing Date
61/044,575	US	April 14, 2008
Application No.	Country	Filing Date
60/984,875	US	November 2, 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) **Juan-Miguel Jimenez**

Date: 01/06/2010

Witness:



Name: E CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010

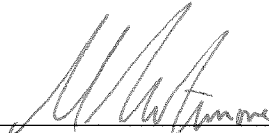
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Name: M CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010

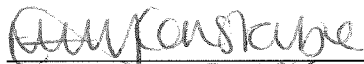
Date



(2) **Michael Mortimore**

Date: 01/06/2010

Witness:



Name: E CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010

Date



Name: M CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010

Date

\_\_\_\_\_  
(3) **Philip Collier**

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

Commonwealth of Massachusetts  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2010, before me, the undersigned notary public, personally appeared \_\_\_\_\_, 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: \_\_\_\_\_.

A. Miller  
(4) Andrew Miller  
Date: 1<sup>st</sup> JUNE 2010

Witness:

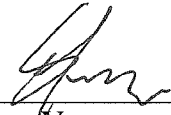
E. Constable  
Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> JUNE 2010  
Date

M. Cairns  
Name: M. CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> JUNE 2010  
Date







(5) **Stephen Young**

Date: 1/6/10


Witness:

  
Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010  
Date


  
Name: M CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010  
Date


  
(6) **Chau Mak**

Date: 1/6/2010

Witness:

  
Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010  
Date

  
Name: M CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010  
Date

*Chris Davis*

(7) Chris Davis

Date: 1<sup>st</sup> June 2010

Witness:

*E. Constable*  
Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> June 2010  
Date

*Mary Cairns*  
Name: M CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> June 2010  
Date

*Heather Twin*  
(8) Heather Twin

Date: 1<sup>st</sup> June 2010

Witness:

*E. Constable*  
Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> June 2010  
Date

*Mary Cairns*  
Name: M CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> June 2010  
Date

*Guy Brenchley*

(9) Guy Brenchley

Date: 1st JUNE 2010

Witness:

*E. Constable*

Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010

Date

*Mary Cairns*

Name: M. CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010

Date

*Dean Boyall*

(10) Dean Boyall

Date: 1st June 2010

Witness:

*E. Constable*

Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010

Date

*Mary Cairns*

Name: M. CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1st June 2010

Date

*Shazia Keily*  
(11) **Shazia Keily**

Date: 1<sup>st</sup> June 2010

Witness:

*E. Constable*  
Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> June 2010  
Date

*Mary Cairns*  
Name: M. CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> June 2010  
Date

*Luca Settimo*  
(12) **Luca Settimo**

Date: 1<sup>st</sup> June 2010

Witness:


*E. Constable*  
Name: E. CONSTABLE  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> June 2010  
Date

*Mary Cairns*  
Name: M. CAIRNS  
Address: 88 MILTON PARK  
ABINGDON  
OX14 4RY

1<sup>st</sup> June 2010  
Date

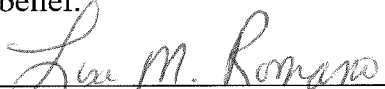
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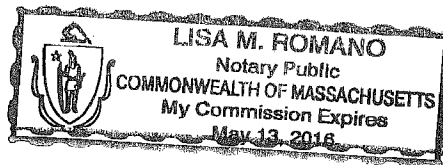
By:   
Stephen L. Nesbitt  
Chief Patent Counsel  
VERTEX PHARMACEUTICALS INCORPORATED

Date: June 3, 2010

Commonwealth of Massachusetts  
County of Middlesex

On this 3<sup>rd</sup> day of June, 2010, 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.

  
Notary Public  
My Commission Expires: 5-13-2016



**ASSIGNMENT**

We,

- (1) Juan-Miguel Jimenez, of Abingdon, Oxfordshire;
- (2) Michael Mortimore, of Abingdon, Oxfordshire;
- (3) Philip Collier, of Cambridge, Massachusetts;
- (4) Andrew Miller, of Abingdon, Oxfordshire;
- (5) Stephen Young, of Abingdon, Oxfordshire;
- (6) Chau Mak of Abingdon, Oxfordshire;
- (7) Chris Davis of Abingdon, Oxfordshire;
- (8) Heather Twin of Abingdon, Oxfordshire;
- (9) Guy Brenchley of Abingdon, Oxfordshire;
- (10) Dean Boyall of Abingdon, Oxfordshire;
- (11) Shazia Keily of Abingdon, Oxfordshire; and
- (12) Luca Settimo of Abingdon, Oxfordshire,

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:

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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):

Application No.	Country	Filing Date
61/100,808	US	September 29, 2008
Application No.	Country	Filing Date
61/044,575	US	April 14, 2008
Application No.	Country	Filing Date
60/984,875	US	November 2, 2007
Application No.	Country	Filing Date

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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) Juan-Miguel Jimenez**

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

Witness:

\_\_\_\_\_  
Name:  
Address:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name:  
Address:

\_\_\_\_\_  
Date

\_\_\_\_\_  
**(2) Michael Mortimore**

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

Witness:

\_\_\_\_\_  
Name:  
Address:

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Date

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Name:  
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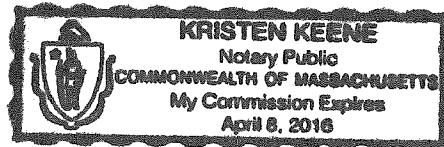
Philip Collier  
(3) Philip Collier

Date: 5/26/10

Commonwealth of Massachusetts  
County of MIDDLESEX

On this 26<sup>th</sup> day of May, 2010, before me, the undersigned notary public, personally appeared \_\_\_\_\_, 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.

Kristen Keene  
Notary Public  
My Commission Expires: 4-8-2016



\_\_\_\_\_  
(4) Andrew Miller

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

Witness:

\_\_\_\_\_  
Name:  
Address:

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Date

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Name:  
Address:

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Date

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**(5) Stephen Young**

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

Witness:

\_\_\_\_\_  
Name:  
Address:

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Date

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Name:  
Address:

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Date

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**(6) Chau Mak**

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

Witness:

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Name:  
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Name:  
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**(7) Chris Davis**

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

Witness:

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Name:  
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Date

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**(8) Heather Twin**

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

Witness:

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Name:  
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Name:  
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**(9) Guy Brenchley**

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

Witness:

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Name:  
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Date

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Name:  
Address:

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Date

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**(10) Dean Boyall**

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

Witness:

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Name:  
Address:

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Name:  
Address:

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Date

\_\_\_\_\_  
**(11) Shazia Keily**

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

Witness:

\_\_\_\_\_  
Name:  
Address:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name:  
Address:

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Date

\_\_\_\_\_  
**(12) Luca Settimo**

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

Witness:

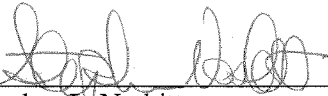
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Date

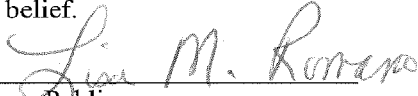
ACKNOWLEDGMENT OF ASSIGNEE

By:   
Stephen L. Nesbitt  
Chief Patent Counsel  
VERTEX PHARMACEUTICALS INCORPORATED

Date: June 3, 2010

Commonwealth of Massachusetts  
County of Middlesex

On this 3rd day of June, 2010, 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.

  
Notary Public  
My Commission Expires: 5-13-2016

