

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
CONVEYING PARTY DATA																							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Mortimore</td> <td>10/12/2009</td> </tr> <tr> <td>Stephen Clinton Young</td> <td>10/08/2009</td> </tr> <tr> <td>Simon Robert Lorrie Everitt</td> <td>10/07/2009</td> </tr> <tr> <td>Ronald Knegt</td> <td>10/07/2009</td> </tr> <tr> <td>Jeanne Louise Pinder</td> <td>10/07/2009</td> </tr> <tr> <td>Alistair Peter Rutherford</td> <td>10/07/2009</td> </tr> <tr> <td>Steven Durrant</td> <td>10/07/2009</td> </tr> <tr> <td>Guy Brenchley</td> <td>10/07/2009</td> </tr> <tr> <td>Jean-Damien Charrier</td> <td>10/08/2009</td> </tr> <tr> <td>Michael O'Donnell</td> <td>04/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael Mortimore	10/12/2009	Stephen Clinton Young	10/08/2009	Simon Robert Lorrie Everitt	10/07/2009	Ronald Knegt	10/07/2009	Jeanne Louise Pinder	10/07/2009	Alistair Peter Rutherford	10/07/2009	Steven Durrant	10/07/2009	Guy Brenchley	10/07/2009	Jean-Damien Charrier	10/08/2009	Michael O'Donnell	04/10/2013
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RECEIVING PARTY DATA																							
<table border="1"> <tr> <td>Name:</td> <td>Vertex Pharmaceuticals Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>130 Waverly Street</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	Vertex Pharmaceuticals Incorporated	Street Address:	130 Waverly Street	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139												
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PROPERTY NUMBERS Total: 1																							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13477663</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13477663																		
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CORRESPONDENCE DATA																							
Fax Number:	6173416483																						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																							
Phone:	617-341-6100																						
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Address Line 1:	130 Waverly Street																						

CH \$40.00 13477663

Address Line 4: Cambridge, MASSACHUSETTS 02139

ATTORNEY DOCKET NUMBER:	VPI/06-156 US CN1 DV1
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NAME OF SUBMITTER:	Carolyn Anderson
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Signature:	/Carolyn Anderson/
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Date:	06/04/2013
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Total Attachments: 19

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ASSIGNMENT

I/We,

- (1) Michael Mortimore, of Oxfordshire, United Kingdom;
- (2) Stephen Clinton Young, of Oxfordshire, United Kingdom;
- (3) Simon Robert Lorrie Everitt, of Oxfordshire, United Kingdom;
- (4) Ronald Knegt, of Oxfordshire, United Kingdom;
- (5) Joanne Louise Pinder, of Oxfordshire, United Kingdom;
- (6) Alistair Peter Rutherford, of Oxfordshire, United Kingdom;
- (7) Steven Durrant, of Oxfordshire, United Kingdom;
- (8) Guy Brenchley, of Oxfordshire, United Kingdom;
- (9) Jean-Damien Charrier, of Oxfordshire, United Kingdom; and
- (10) Michael O'Donnel, of Oxfordshire, United Kingdom;

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 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 the United States Letters Patent entitled:

**5-CYAN0-4- (PYRROLO [2, 3B] PYRIDINE-3-YL) -PYRIMIDINE DERIVATIVES
USEFUL AS PROTEIN KINASE INHIBITORS**

and filed in the United States Patent and Trademark Office on June 22, 2009, under Application Number 12/448,489 including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications thereof, and/or

(b) the International Patent Application entitled:

**5-CYAN0-4- (PYRROLO [2, 3B] PYRIDINE-3-YL) -PYRIMIDINE DERIVATIVES
USEFUL AS PROTEIN KINASE INHIBITORS**

filed under the Patent Cooperation Treaty in the United States Receiving Office on December 21, 2007 under Application No PCT/US2007/026190 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):

60/876,307	US	December 21, 2006
Application No.	Country	Filing Date
60/922,291	US	April 6, 2007
Application No.	Country	Filing Date
60/947,707	US	July 3, 2007
Application No.	Country	Filing Date
60/989,014	US	November 19, 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.


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.


SIGNATURES BEGIN ON PAGE 4



Michael Mortimore

Date: 12th October, 2009


ACKNOWLEDGEMENT OF WITNESSES:



Witness Signature

12.10.09
Date


Witness Name: E CONSTABLE
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Witness Signature


12.10.09
Date

Witness Name: B. HARNEW
Witness Address: 88 MILTON PARK, ABINGDON, OX14 4RY




Stephen Clinton Young
Date: 8/10/09

ACKNOWLEDGEMENT OF WITNESSES:



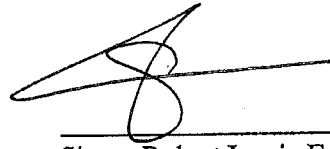
Witness Signature 12.10.09
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Simon Robert Lorrie Everitt

Date: 7/10/09

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RMA Knegt
Ronald Knegt

Date: 7/10/09

ACKNOWLEDGEMENT OF WITNESSES:

E. Constable
Witness Signature

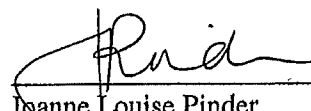
12.10.09
Date

Witness Name: E. CONSTABLE
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BEN HARNEW
Witness Signature

12.10.09
Date


Witness Name: BEN HARNEW
Witness Address: 88 MILTON PARK, ABINGDON, OXON, OX14 4RY


Joanne Louise Pinder
Date: 7th Oct 2009

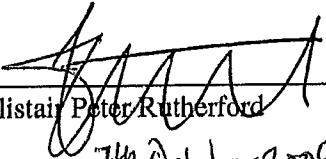
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Witness Address: 88 MILTON PARK, OXON, OX14 4RY


Witness Signature 12.10.09
Date


Witness Name: BEN FARNEW
Witness Address: 88 MILTON PARK, ABINGDON, OX14 4RY


Alistair Peter Rutherford
Date: 7th October 2009

ACKNOWLEDGEMENT OF WITNESSES:

CONSTABLE
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Steven Durrant

Date: 7/10/09

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12.10.09

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Witness Name: E. CONSTABLE

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Witness Signature

12.10.09

Date

Witness Name: J. HARNEW

Witness Address: 88 MILTON PARK, ABINGDON, OXON, OX14 4RY

G. Brenchley
Guy Brenchley

Date: 7th Oct. 2009

ACKNOWLEDGEMENT OF WITNESSES:

~~MAA~~ Constable 12.10.09
Witness Signature Date

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

[Signature] 12-10-09
Witness Signature Date

Witness Name: B. MARNEW
Witness Address: 88 MILTON PARK, ABINGDON, OX14 4RY


Jean-Damien Charrier


Date: 8th Oct 2009

ACKNOWLEDGEMENT OF WITNESSES:


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12.10.09
Date

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


Witness Signature


12.10.09
Date

Witness Name: B HARVEN
Witness Address: 88 MILTON PARK, ABINGDON, OXON, OX14 4RY

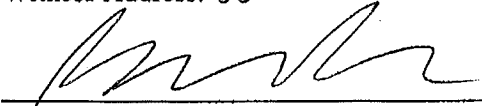

Michael O'Donnel

Date: 7/10/09

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Witness Name: B. HARVEN
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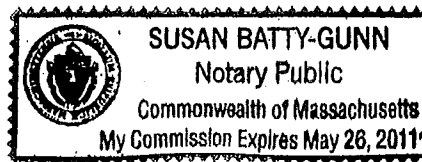
By: [Signature]
 Date: 10/19/09

State of Massachusetts
 County of Middlesex

On this 19th day of October, 2009, before me, the undersigned notary public, personally appeared Stephen Nesbitt (name of document signer), proved to me through satisfactory evidence of identification which were personal knowledge, 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.

Susan Batty-Gunn
 Notary Public
 My Commission Expires: 5/26/11

KALAMAZOO.28077.1



ASSIGNMENT

I, **Michael O'Donnell**, of Oxfordshire, United Kingdom;

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 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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and filed in the United States Patent and Trademark Office on **June 22, 2009**, under Application Number **12/448,489** including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications thereof, and/or

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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

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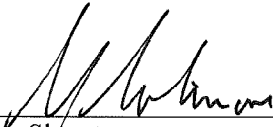
SIGNATURES BEGIN ON PAGE 4



Michael O'Donnell

Date: 10/4/2013

ACKNOWLEDGEMENT OF WITNESSES:



Witness Signature

10th April 2013

Date

Witness Name: M Mortimore

Witness Address: 86-88 Jubilee Road
Milton Park
Abingdon, OX14 4RW



Witness Signature

10th April 2013

Date

Witness Name: Rory Stewart

Witness Address: 86-88 Jubilee Rd.
Milton Park
Abingdon, OX14 4RW

ACKNOWLEDGEMENT OF ASSIGNEE:

By: Stephen Nesbitt
Stephen Nesbitt

Date: May 29, 2013

State of Massachusetts
County of Middlesex

On this 29th day of May, 2013, before me, the undersigned notary public, personally appeared **Stephen Nesbitt** (name of document signer), proved to me through satisfactory evidence of identification which were personal knowledge, 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.

Frances M. Cunningham
Notary Public
My Commission Expires: 3/16/2018

KALAMAZOO.28077.1

