

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3524861

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NADIA AHMAD	09/04/2015
DEAN BOYALL	09/03/2015
JEAN-DAMIEN CHARRIER	06/22/2015
CHRIS DAVIS	09/03/2015
REBECCA DAVIS	06/22/2015
STEVEN DURRANT	09/03/2015
GORKA ETXEBARRIA I JARDI	09/03/2015
DAMIEN FRAYSSE	06/22/2015
JUAN-MIGUEL JIMENEZ	09/03/2015
RONALD KNEGTEL	09/03/2015
DONALD MIDDLETON	07/07/2015
MICHAEL O'DONNELL	09/03/2015
MANINDER PANESAR	09/03/2015
FRANCOISE PIERARD	09/03/2015
JOANNE PINDER	06/22/2015
DAVID SHAW	06/22/2015
PIERRE-HENRI STORCK	06/22/2015
JOHN STUDLEY	07/16/2015
HEATHER TWIN	09/03/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VERTEX PHARMACEUTICALS (EUROPE) LIMITED
<b>Street Address:</b>	86-88 JUBILEE AVENUE
<b>City:</b>	ABINGDON
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	OX14 4RW
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14098606
<b>PCT Number:</b>	US2013073457

**CORRESPONDENCE DATA****Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** patents@vrtx.com**Correspondent Name:** VERTEX PHARMACEUTICALS INCORPORATED**Address Line 1:** 50 NORTHERN AVENUE**Address Line 4:** BOSTON, MASSACHUSETTS 02210

<b>ATTORNEY DOCKET NUMBER:</b>	VPI/12-142 US & WO
<b>NAME OF SUBMITTER:</b>	FRANCES M. CUNNINGHAM
<b>SIGNATURE:</b>	/Frances M. Cunningham/
<b>DATE SIGNED:</b>	09/14/2015

**Total Attachments: 24**

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## ASSIGNMENT

We,

- (1) Nadia Ahmad, of Didcot, UNITED KINGDOM;
- (2) Dean Boyall, of Faringdon, UNITED KINGDOM;
- (3) Jean-Damien Charrier, of Wantage, UNITED KINGDOM;
- (4) Chris Davis, of Salisbury, UNITED KINGDOM;
- (5) Rebecca Davis, of Witney, UNITED KINGDOM;
- (6) Steven Durrant, of Abingdon, UNITED KINGDOM;
- (7) Gorka Etxebarria I Jardi, of Abingdon, UNITED KINGDOM;
- (8) Damien Fraysse, of Abingdon, UNITED KINGDOM;
- (9) Juan-Miguel Jimenez, of Abingdon, UNITED KINGDOM;
- (10) David Kay, of Purton, UNITED KINGDOM;
- (11) Ronald Knegtel, of Abingdon, UNITED KINGDOM;
- (12) Donald Middleton, of Sandwich, UNITED KINGDOM;
- (13) Michael O'Donnell, of Abingdon, UNITED KINGDOM;
- (14) Maninder Panesar, of Didcot, UNITED KINGDOM;
- (15) Francoise Pierard, of Abingdon, UNITED KINGDOM;
- (16) Joanne Pinder, of Didcot, UNITED KINGDOM;
- (17) David Shaw, of Oxford, UNITED KINGDOM;
- (18) Pierre-Henri Storck, of Abingdon, UNITED KINGDOM;
- (19) John Studley, of Witney, UNITED KINGDOM; and
- (20) Heather Twin, of Wantage, UNITED KINGDOM;

for good and valuable consideration, receipt of which is hereby acknowledged, have assigned, sold and transferred to, by virtue of our agreement with Vertex Pharmaceuticals (Europe) Limited, and do hereby assign, sell and transfer to, Vertex Pharmaceuticals (Europe) Limited, a company registered in England and Wales under registered number 02907620 and having an office and a place of business at 86-88 Jubilee Avenue, Milton Park, Abingdon, Oxfordshire OX14 4RW U.K., its successors and assigns, all hereinafter referred to as the ASSIGNEE:

- (1) the entire right, title and interest 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: COMPOUNDS USEFUL AS INHIBITORS OF ATR KINASE , and filed in the United States Patent and Trademark Office on December 6, 2013, under Application Number 14/098,606 , including any renewals, revivals, reissues, reexaminations, extensions, continuations, and divisions thereof, and any substitute applications therefor, and/or

(b) the International Patent Application entitled: COMPOUNDS USEFUL AS INHIBITORS OF ATR KINASE , filed under the Patent Cooperation Treaty in the United States Receiving Office on December 6, 2013, under Application No. PCT/US2013/073457, 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 any country throughout the world;

(3) the entire right, title and interest in and to any Letters Patent which may issue thereon in any country throughout 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):

<u>61/868,132</u>	<u>US</u>	<u>August 21, 2013</u>
Application No.	Country	Filing Date
<u>61/787,568</u>	<u>US</u>	<u>March 15, 2013</u>
Application No.	Country	Filing Date
<u>61/734,726</u>	<u>US</u>	<u>December 7, 2012</u>
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 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.

N. Ahmad

(1) Nadia Ahmad

Date: 4/9/15

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: Pierre-Henri STARCK

this 04<sup>th</sup> day of September 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: NATASHA LLEWELLYN

this 4<sup>th</sup> day of SEPTEMBER 2015.  
Date of signing



(2) Dean Boyall

Date: 3/9/15

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

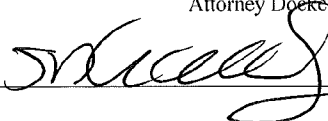
Printed Name of Witness: CHRIS DAVIS

this 3 day of September 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: NATASHA HANCZYN

this 3rd day of September 2015.  
Date of signing



(3) Jean-Damien Charrier

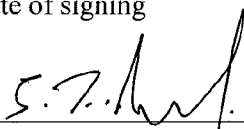
Date: 22<sup>nd</sup>. June 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: Rory STEWART

this 22<sup>nd</sup> day of June 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: STEPHEN MURFIN

this 22<sup>nd</sup> day of JUNE 2015.  
Date of signing



  
\_\_\_\_\_

(4) Chris Davis

Date: 3/9/15

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1)  \_\_\_\_\_

Printed Name of Witness: DEAN BOYALL

this 3 day of Sept 2015.  
Date of signing

Signature of witness: (2)  \_\_\_\_\_

Printed Name of Witness: NATASHA LLEWELLYN

this 3rd day of September 2015.  
Date of signing

Rebecca Davis

(5) Rebecca Davis

Date: 22<sup>nd</sup> June 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

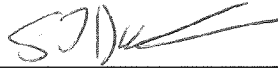
Printed Name of Witness: RORY STEWART

this 22<sup>nd</sup> day of June 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: DAMIEN FRAYSSE

this 22<sup>nd</sup> day of June 2015.  
Date of signing



(6) Steven Durrant

Date: 3<sup>RD</sup> SEPTEMBER 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: MANINDER PANESAR

this 3<sup>RD</sup> day of SEPT 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: NATASHA LLEWELLYN

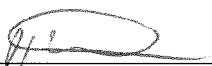
this 3<sup>rd</sup> day of SEPT 2015.  
Date of signing



(7) Gorka Etxebarria I Jordi

Date: 3 ~~Aug~~ Sep 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: NATASHA L LAWLESS

this 3rd day of SEPT 2015  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: EMILY CONSTABLE

this 3 day of SEPTEMBER 2015  
Date of signing



(8) Damien Fraysse

Date: 22 June 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: RORY STEWART

this 22<sup>ND</sup> day of JUNE 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: ALISTAIR RUTHERFORD

this 22<sup>ND</sup> day of JUNE 2015.  
Date of signing

  
\_\_\_\_\_  
(9) Juan-Miguel Jimenez

Date: 03/09/2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: H. MELLOR

this 03 day of SEPT 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: NATASHA LEWELLEN

this 3 day of SEPT 2015.  
Date of signing

*Deceased*

\_\_\_\_\_  
(10) David Kay

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

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_

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

Signature of witness: (2) \_\_\_\_\_

Printed Name of Witness: \_\_\_\_\_


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

Ronald Knegt

(11) Ronald Knegt

Date: Sept. 8<sup>rd</sup> 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1)  Constable

Printed Name of Witness: EMILY CONSTABLE

this 3 day of SEPTEMBER 2015  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: Natasha Hewell

this 3 day of September 2015  
Date of signing




D. Middleton

(12) Donald Middleton

Date: 7<sup>th</sup> July 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: R. PITTERFIELD

this 7<sup>th</sup> day of JULY 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: J. SETTERFIELD

this 11<sup>th</sup> day of JULY 2015.  
Date of signing  
7-7-15

Michael O'Donnell

(13) Michael O'Donnell

Date: 3/9/2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: NATASHA LLEWELLYN

this 3rd day of SEPT 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: EMILY CONSTABLE

this 3 day of SEPTEMBER 2015.  
Date of signing



(14) Maninder Panesar

Date: 3<sup>RD</sup> SEPT 2015 .

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: STEVEN SEAN DURRANT

this 3<sup>RD</sup> day of SEPTEMBER 2015:  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: NATASHA LAWELL

this 3<sup>d</sup> day of SEPT 2015 .  
Date of signing



(15) Françoise Pierard

Date: 03 Sept 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

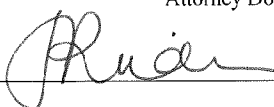
Printed Name of Witness: CHRIS DAVIS

this 3 day of September 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: NATASHA LOWELL

this 3rd day of September 2015.  
Date of signing



(16) Joanne Pinder


Date: 22<sup>ND</sup> JUNE 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: RORY STEWART

this 22<sup>ND</sup> day of JUNE 2015.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: DAMIEN FRAYSSÉ

this 22<sup>nd</sup> day of june 2015.  
Date of signing

  
\_\_\_\_\_

(17) David Shaw

Date: 22/06/2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1)   
\_\_\_\_\_

Printed Name of Witness: RORY STEWART

this 22<sup>nd</sup> day of June 2015.  
Date of signing

Signature of witness: (2)   
\_\_\_\_\_

Printed Name of Witness: DAMIEN FRAXSE

this 22<sup>nd</sup> day of June 2015.  
Date of signing



(18) Pierre-Henri Storck

Date: 22<sup>nd</sup> JUNE 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

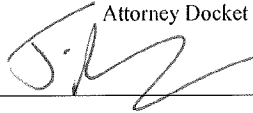
Printed Name of Witness: GORKA ETXEBARRIA JARDI

this 22<sup>nd</sup> day of JUNE 2015  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: Rory Stewart

this 22<sup>nd</sup> day of June 2015  
Date of signing



(19) John Studley


Date: 16 July 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1) 

Printed Name of Witness: NATASHA LLEWELLYN

this 16th day of July.  
Date of signing

Signature of witness: (2) 

Printed Name of Witness: EMILY CONSTABLE

this 16 day of JULY 2015.  
Date of signing



H. T.

(20) Heather Twin

Date: 3rd September 2015

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1)

Jay Bertrand

Printed Name of Witness:

JAY BERTRAND

this

3rd

day of

Sept. 2015

Date of signing

Signature of witness: (2)

Natasha Lowell

Printed Name of Witness:

NATASHA LOWELL

this

3rd

day of

SEPT 2015

Date of signing

ACKNOWLEDGMENT OF ASSIGNEE

By: Kerry A. Flynn  
Kerry A. Flynn  
Vice President and Chief IP Counsel  
VERTEX PHARMACEUTICALS INCORPORATED

Date: September 11, 2015

Commonwealth of Massachusetts  
County of Suffolk

*fine* On this 18<sup>th</sup> day of September, 2015, before me, the undersigned notary public, personally appeared Kerry A. Flynn (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.

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

