502654584 01/28/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2701192

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEAN-DAMIEN CHARRIER	10/17/2013

RECEIVING PARTY DATA

Name:	VERTEX PHARMACEUTICALS (EUROPE) LIMITED
Street Address:	86-88 JUBILEE AVENUE
Internal Address:	MILTON PARK
City:	ABINGDON, OXFORDSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	OX14 4RW

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13672958
PCT Number:	US2012064435

CORRESPONDENCE DATA

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Email: Carolyn_Anderson@vrtx.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: VERTEX PHARMACEUTICALS INCORPORATED

Address Line 1: 50 NORTHERN AVENUE

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ATTORNEY DOCKET NUMBER:	VPI/11-153 US AND WO
NAME OF SUBMITTER:	CAROLYN ANDERSON
Signature:	/Carolyn Anderson/
Date:	01/28/2014 PATENT

502654584 REEL: 032062 FRAME: 0457

Total Attachments: 5 source=11-153US-WO-InventorsToUK#page1.tif source=11-153US-WO-InventorsToUK#page2.tif source=11-153US-WO-InventorsToUK#page3.tif source=11-153US-WO-InventorsToUK#page4.tif source=11-153US-WO-InventorsToUK#page5.tif

PATENT REEL: 032062 FRAME: 0458

ASSIGNMENT

We,

- (1) Jean-Damien Charrier, of Abingdon, Oxfordshire, United Kingdom; and
- (2) David Kay, of Purton, Wiltshire, 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 November 9, 2012, under Application Number 13/672,958, 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 November 9, 2012, under Application No. PCT/US2012/064435, 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):

61/557,804	United States	November 9, 2011
Application No.	Country	Filing Date
61/620,715	United States	April 5, 2012
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.

Vertex Pharmaceuticals (Europe) Limited Attorney Docket No.: VPI/11-153 US WO

(1) Jean-Damien Charrier

Date: () #6 Oct 1013

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1)

Printed Name of Witness: Rory Stemprat

this 17th day of Obser 2013.

Date of signing

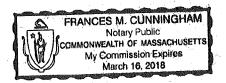
Signature of witness: (2)

Printed Name of Witness: Aneto. Stawska

this 19th day of Oct 2017.

Date of signing

\	(2) David Kay
	Date:
DI WITNESS WHEDEOE I have horounts	a set hand and seel
IN WITNESS WHEREOF, I have hereunto	set namu and sear
Signature of witness: (1)	
Printed Name of Witness:	
this day of	
Date of signin	ng \
Signature of witness: (2)	
Printed Name of Witness:	
this day of	
pate of signing	ng \
	· CIBED
	DECEMED



ACKNOWLEDGMENT OF ASSIGNEE

By: Stephen L. Nesbitt Vice President and Chief IP Counsel VERTEX PHARMACEUTICALS INCORPORATED
Date: January 28, 2014
Commonwealth of Massachusetts
County of Middlesex
On this
license, \square 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.
Notary Public O to a few of the f
My Commission Expires: 3/16/2018

