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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEAN-DAMIEN CHARRIER	10/01/2013
STEVEN JOHN DURRANT	10/03/2013
DAVID MATTHEW SHAW	09/30/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13672944
PCT Number:	US2012064426

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	VPI/11-150 US WO
NAME OF SUBMITTER:	LESLIE GARBARCZUK
Signature:	/Leslie Garbarczuk/

REEL: 031416 FRAME: 0107

PATENT

Date:	10/16/2013
Total Attachments: 6 source=VPI_11_150_US_WO_Executed_As source=VPI_11_150_US_WO_Executed_As source=VPI_11_150_US_WO_Executed_As source=VPI_11_150_US_WO_Executed_As source=VPI_11_150_US_WO_Executed_As source=VPI_11_150_US_WO_Executed_As	ssignment_Invs_to_UK#page2.tif ssignment_Invs_to_UK#page3.tif ssignment_Invs_to_UK#page4.tif ssignment_Invs_to_UK#page5.tif

PATENT REEL: 031416 FRAME: 0108

ASSIGNMENT

We,

- (1) Jean-Damien Charrier, of Abingdon, Oxfordshire, United Kingdom;
- (2) Steven John Durrant, of Abingdon, Oxfordshire, United Kingdom; and
- (3) David Matthew Shaw, of Abingdon, Oxfordshire, 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 13/672,944, 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/US2012/064426, 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

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(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):

61/557,818	United States	November 9, 2011
Application No.	Country	Filing Date
61/620,709	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.

(1) Jean-Damien Charrier

Date: 154 Odolar 2013

IN WITNESS WHEREOF, I have hereunto set hand and seal

Signature of witness: (1)

Printed Name of Witness: Rory Stewart

this _____ day of ________. Date of signing ______.

Signature of witness: (2)

Printed Name of Witness: LOUIS DATT

this $\frac{157}{}$ day of $\frac{0.70BER}{}$ 2013. Date of signing

(2) Steven John Durrant

	Date: 3 RD OCTUBER	2013
IN WITNESS WHEREOF	F, I have hereunto set hand and seal	
Signature of witness: (1) _	Jel 17.	
	GORKA ETXEBARPIA JARDI	
this 3kg day of	OCTOBER 2013 Date of signing	
Signature of witness: (2)	Ale Stowake	
Printed Name of Witness:	Aneda Stavába	
this day of	04.2013	
Signature of witness: (2) _ Printed Name of Witness:	Ale Standle	

(3) David Matthew Shaw
Date: 30/69/2013
IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness: (1)
Printed Name of Witness: James Dodd
this 30 day of September 2013 Date of signing
Signature of witness: (2) And Show sho Printed Name of Witness: An et a 54 and sho
Printed Name of Witness: Aneta Stawsba
this 30 day of 500 2013. Date of signing

ACKNOWLEDGMENT OF ASSIGNEE

Vice President and Chief IP Counsel

VERTEX PHARMACEUTICALS INCORPORATED

Commonwealth of Massachusetts County of Middlesex

On this day of day of 2013, 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 _____, to be the person whose name is signed on license, ☐ other (please identify) 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: 5/4/18.

