503904829 07/07/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3951480

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUC J. FARMER	12/03/2014
PIERRE-ANDRE FOURNIER	12/03/2014
STEPHANIE LESSARD	12/04/2014
BINGCAN LIU	12/03/2014
MIGUEL ST-ONGE	12/03/2014
CLAUDIO STURINO	12/03/2014
JANEK SZYCHOWSKI	12/03/2014
CONSTANTIN YANNOPOULOS	12/05/2014

RECEIVING PARTY DATA

Name:	VERTEX PHARMACEUTICALS (CANADA) INCORPORATED
Street Address:	275 ARMAND-FRAPPIER BLVD.
City:	LAVAL, QUEBEC
State/Country:	CANADA
Postal Code:	H7V 4A7

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15081076

CORRESPONDENCE DATA

Fax Number: (617)526-9899

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.

Phone: 617-526-9600

Email: sallen@proskauer.com
Correspondent Name: PROSKAUER ROSE LLP

Address Line 1: ONE INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	VPI/13-134 USWCN1
NAME OF SUBMITTER:	DANIEL A. KLEIN
SIGNATURE:	/Daniel A. Klein/

PATENT REEL: 039100 FRAME: 0378

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DATE SIGNED:	07/07/2016	
Total Attachments: 11		
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PATENT REEL: 039100 FRAME: 0379

ASSIGNMENT

We,

- (1) Luc J. Farmer, of Montreal, Quebec, Canada;
- (2) Pierre-Andre Fournier, of Vaudreuil-Dorion, Quebec, Canada;
- (3) Stephanie Lessard, of St-Jean-sur-Richelieu, Quebec, Canada;
- (4) Bingcan Liu, of Montreal, Quebec, Canada;
- (5) Miguel St-Onge, of Vaudreuil-Dorion, Quebec, Canada;
- (6) Claudio Sturino, of Ile Bizard, Quebec, Canada;
- (7) Janek Szychowski, of Montreal, Quebec, Canada; and
- (8) Constantin Yannopoulos, of Notre-Dame de I'lle Perrot, Quebec, Canada, 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 (Canada) Incorporated, and do hereby assign, sell and transfer to, Vertex Pharmaceuticals (Canada) Incorporated, a company registered in British Columbia, Canada and having an office and a place of business at 275 Armand-Frappier Blvd., Laval (Quebec) H7V 4A7 Canada, 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 International Patent Application entitled: IMIDAZOPYRIDAZINES USEFUL AS INHIBITORS OF THE PAR-2 SIGNALING PATHWAY filed under the Patent Cooperation Treaty in the United States Receiving Office on September 25, 2014 under Application No. PCT/US2014/057390, 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):

61/882,173	US	September 25, 2013
Application No.	Country	Filing Date
61/901,617	US	November 8, 2013
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.

for Janney	
(1) Luc J. Farmer	
Date: 3/12/2014	
•	

IN WITNESS WHEREOF, I have hereunto set hand and seal		
Signature of witness: (1) Oll Olll		
Printed Name of Witness: SYLVIE OUECLET		
this 3rd day of Decelute 70!4		
Date of signing		
Signature of witness: (2)		
Printed Name of Witness: CECILE LAJOIE		
this 3rd day of December 2014.		
Date of signing		

	Pullade Per
	(2) Pierre-Andre Fournier Date: 20/4-12-03
N WITNESS WHEREOF. I have hereunto	o set hand and seal

IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness: (1)
Printed Name of Witness: SYLVIE OVELLET
this 3 ld day of Decele Les 244 Date of signing
Signature of witness: (2) Could Signature
Printed Name of Witness: CECILG LAJOIE
this 3 rd day of <u>Detember</u> 2014. Date of signing

		icals (Canada) Incorporate looket No.: VPI/13-134 WO
Stal	/_/	
	<i>r</i> /	
(3) Stephanie Le		a
Date: <u>Decem</u>	iba 4th	2014

IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness: (1)
Printed Name of Witness:
this 4th day of Deceller 2014 Date of signing
Signature of witness: (2)
Printed Name of Witness: CECILE LAJOIÉ
this 4th day of December 2014 Date of signing

	Binga
(4) Bir	ngcan Liu
Date:	Dec. 03, 2014

(5) Miguel St-Onge
Date: December 3rd, 2014

Signature of witness: (1) Signature of witness: (1) Signature of witness: (2) Signature of witness: (3) Celler 2014

Printed Name of Witness: (2) Celler 2014

Printed Name of Witness: (2) Celler LA 50 16

this 3rd day of Detember 2014

Date of signing

Cardo Stair
(6) Claudio Sturino
Date: Dee 3rd 2014

IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness: (1)
Printed Name of Witness: SYLVIE OUELLET
this 3 rd day of December 2017 Date of signing
Signature of witness: (2)
Printed Name of Witness: CECILE LAJOIE
this 3rd day of <u>December 2014</u> . Date of signing

	Date: 12/03/2014
IN WITNESS WHEREOF	F, I have hereunto set hand and seal
Signature of witness: (1) _	Dhe Queen
Printed Name of Witness:	SYLVIE OVELLET
this 316 day of	Deceel by Wy Date of signing
Signature of witness: (2)	Coull Savore

Printed Name of Witness: CECILE LAJOIE

(7) Janek Syzchowski

	(8) Constantin Yannopoulos
χ.	Date: Decaher Jh, 2014
	•

IN WITNESS WHEREOF, I have hereunto set hand and seal
Signature of witness: (1)
Printed Name of Witness: SYLVIE OVELLET
rimled rame of withess.
this Study day of Decelerate 7614 Date of signing
Signature of witness: (2)
V
Printed Name of Witness: CECILE LAJOIE
this Sth day of December 2014. Date of signing

ACKNOWLEDGMENT OF ASSIGNEE

By:	_ Serre	a//m
	Kerry A. Fly	nn

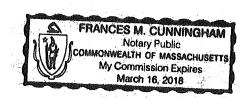
Vice President and Chief IP Counsel

VERTEX PHARMACEUTICALS INCORPORATED

Commonwealth of Massachusetts County of Suffolk

Λ.Ψ. \\ .	
On this day of Ul	ember, 2014, before me, the undersigned notary public, personally
appeared Kerry A. Flynn (nam	e of document signer), proved to me through satisfactory evidence
of identification which was/we	re: ⊠ 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 a	ffirmed to me that the contents of the document are truthful and
accurate to the best of his/her l	knowledge and belief.

Notary Public
My Commission Expires: 3/16/2018



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