## 506500436 02/11/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>
BENJAMIN J. LITTLER	12/04/2018

### **RECEIVING PARTY DATA**

Name:	VERTEX PHARMACEUTICALS INCORPORATED	
Street Address:	50 NORTHERN AVENUE	
City:	BOSTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02210	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16769047

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	10275.0133-00000
NAME OF SUBMITTER:	ANTOINETTE E. NIBBS
SIGNATURE:	/Antoinette E. Nibbs/
DATE SIGNED:	02/11/2021

## **Total Attachments: 3**

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PATENT 506500436 REEL: 055231 FRAME: 0710

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 10275.6136-00000 VPI/18-101 US PRV1

#### **ASSIGNMENT**

WHEREAS I/We, the below-named inventor(s) (hereinafter referred to as Assignor(s)), of an invention entitled:

#### METHODS OF MAKING CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR MODULATORS

as disclosed and claimed in the applications identified below this paragraph:

Application Number	Country of Filing	Filing Date
62/623,725	U.S.	January 30, 2018

by virtue of our agreements with Vertex Pharmaceuticals Incorporated, a corporation of Massachusetts whose post office address is 50 Northern Avenue, Boston, MA 02210 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filled, any other applications for patents filled anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request that any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE authorize and request a patent practitioner of record in this application, to insert the filing date, country of filing, and application number of the above-referenced application(s) when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

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Benjamin J. Littler

Date: O4DEC2018

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of 500 DICAO

On <u>December 4, 2018</u> before me, <u>Nicola Scilamone</u> Notary Public (insert name and title of the officer)

personally appeared <u>Bendamin J. Littel</u>, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/he/their authorized capacity(jes), and that by his/he/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

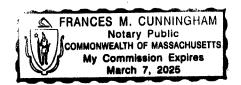
Signature (Seal)



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## ACKNOWLEDGEMENT OF ASSIGNEE

Leysa Mr.
Name: Kerry/A. Flynn
Title: VP, IP and Chief IP Counsel
On behalf of Vertex Pharmaceuticals Incorporated
Date
Commonwealth of Massachusetts  County of Suffolk  On this <u>of</u> day of <u>December</u> , 2018, 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 🗹
bersonal 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.  Notary Public
My Commission Expires Manch 7, 2025



**RECORDED: 02/11/2021**