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SUBMISSION TYPE:		۲ <u> </u> ۲	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY D	ΑΤΑ						
			Name			Execution Date	
JOANNE LOUISE CAMP						07/10/2018	
RECEIVING PARTY DA	TA						
Name:	VERTE	VERTEX PHARMACEUTICALS (EUROPE) LIMITED					
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State/Country:) KING	DOM				
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Property Type Application Number:		Number 16032799					
PROPERTY NUMBERS	Total: 2						
		16032799 US2018041649					
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CORRESPONDENCE D	ATA						
	AIA						
Fax Number:		(734)48	39-8002				
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Case No. VPI/17-102 WO

ASSIGNMENT

WHEREAS, Joanne Louise Camp, the "Assignors", have made an invention entitled <u>CARBOXAMIDES AS MODULATORS OF SODIUM</u> CHANNELS, for a full description of which reference is here made to U.S. Provisional Application No. 62/531,313, filed July 11, 2017; U.S. Provisional Application No. 62/608,283, filed December 20, 2017; U.S. Patent Application No. 16/032,799 filed July 11, 2018 ; International Patent Application No. PCT/US2018/041649, filed July 11, 20<u>18</u>; 107123989 Taiwanese Patent Application No. filed 20180101925 July 11, 2018; Argentinian Patent Application No. filed July 11, 2018 : Venezuelan Patent Application No. filed July 11, 2018; and Uruguayan Patent Application No. 37806 filed

<u>July 11, 2018</u> (Note: I/We, the undersigned, hereby authorize the Assignee and/or its patent attorney(s) to fill in the application numbers of the foregoing patent applications when such application numbers become known to Assignee.);

WHEREAS, <u>Vertex Pharmaceuticals (Europe) Limited</u>, a company organized and existing under the laws of the United Kingdom and having an office and a place of business at 2 Kingdom Street, London, W2 6BD, United Kingdom, the "Assignee", desires to acquire the entire right, title and interest in the invention and the patent applications identified above, and all patents which may be obtained for the invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is acknowledged, the Assignors have sold, assigned and transferred, and by these presents hereby sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in the invention and the patent applications identified above, and any patents that may issue for the invention in the United States; with the entire right, title and interest in the invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable

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convention; with the entire right, title and interest in all continuations, divisions, reissues, reexaminations, renewals and extensions of any of the patent applications and patents defined above; with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent applications identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee exclusive title in all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignee all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is authorized and requested to issue patents to the Assignee under the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

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DATED:	10 TH JULY	2018

IN WITNESS WHEREOF, I have hereunto set hand and seal

V []} Signature of witness: (1) Printed Name of Witness: CHROKE ANN DODSWORTH. this <u>106</u> day of <u>Juky</u> 2018. Date of signing Signature of witness: (2) STEAD Printed Name of Witness: JONNATGAN (SAN) this 10th day of July 2018. Date of signing

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ACKNOWLEDGMENT OF ASSIGNEE

By:

Kerry A/ El/nn/ Vice Rresident and Chief IP Counsel on behalf of Vertex Pharmaceuticals (Europe) Limited

Date:

Commonwealth of Massachusetts County of Suffolk

On this <u>//</u>______ day of <u>______</u>, 2018, before me, the undersigned notary public, personally appeared Kerry A. Flynn, proved to me through satisfactory evidence of identification which was/were: <u>____</u> personal knowledge of identity, <u>____</u> a driver's license, <u>____</u> 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 land. My Commission Expires:_

