503581294 11/23/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3627922

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	DATA				
			Name	Execution Date	
HOMAYOUN SADEGH	11			10/14/2009	
SUZANNE DAGHER				10/14/2009	
ANDREW TURNER				10/14/2009	
RECEIVING PARTY D	ΑΤΑ				
Name:	PHASEBIO PHARMACEUTICALS, INC.				
Street Address:	ONE C	ONE GREAT VALLEY PARKWAY			
Internal Address:	SUITE	SUITE 30			
City:	MALV	MALVERN			
State/Country:	PENN	PENNSYLVANIA			
Postal Code:	19355	19355			
PROPERTY NUMBER Property Type			Number		
Application Number:		1468	1597		
	DATA	(000)	040 7000		
Fax Number:(202)Correspondence will be sent to the			842-7899 e-mail address first: if that is uns	successful, it will be sent	
using a fax number, i			hat is unsuccessful, it will be sen		
		342-7800			
Email: Correspondent Name		•	lipnouchet@cooley.com, zpatdcdoc vLEY LLP	keting@cooley.com	
Address Line 1:	•		PENNSYLVANIA AVENUE NW, S		
Address Line 4:			HINGTON, D.C. 20004		
ATTORNEY DOCKET NUMBER:			PHAS-019/02US 309646-2180		
NAME OF SUBMITTER:			ANNE E. FLECKENSTEIN		
SIGNATURE:			/Anne E. Fleckenstein/		
DATE SIGNED:		11/23/2015			
Total Attachments: 4					
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PATENT REEL: 037117 FRAME: 0278 Attorney Docket No: PHAS-019/00US 309646-2054

ASSIGNMENT

Homayoun SADEGHI, Andrew TURNER, and Suzanne DAGHER each residing at c/o PhaseBio Pharmaceuticals, 4020 Aerial Center Parkway, Morrisville, NC 27560 (each referred to as "Assignor") has made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled <u>MODIFIED VASOACTIVE INTESTINAL PEPTIDE</u>, and which is a:

- [X] provisional application
 (a) Π to be file
 - [] to be filed herewith; or
 - (b) [X] bearing Application No. <u>61/234,151</u> and filed on <u>August 14, 2009;</u> or
- (2) [] non-provisional application
 - (a) [] to be filed herewith; or
 - (b) [] bearing Application No. , and filed on

WHEREAS, PHASBIO PHARMACEUTICALS, INC., a corporation having its principal place of business at 4020 Aerial Center Parkway Morrisville, NC 27560 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part;

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- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the proceeding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignce, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents; or if applicable, at such time said prior agreement was executed, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignce, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns

Date By Homayoun SABEGHI ١ State of SS. County of Lisa M. Dahlquist before me, On Notary Public, personally appeared , personally known UNA to me or 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/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. OFFICIAL SEAL Lisa M. Dahkuist Notary Public, North Carolina

County of Wake LISA M. DAHLQUIST Commission Expires Oct. 28, 2013

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Rev. 5/17/2002 Attorney Docket No. PHAS-019/00US 309646-2054
Date: 10.14.09 By: Andrew TURNER Page 3
State of NC)
County of $M/2M$) ss.
On 10/14/2009, before mc, Lisa M. Dahlquist, Notary Public, personally appeared Archew TMNe/, personally known
to me or 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/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.

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Rev. 5/17/2002 Attorney Docket No. PHAS-019/00US 309646-2054
Date: 10-14-09 By: August DAGHER Page 4
State of NC
County of Wall) ss.
On 10/14/2009, before me, Lisa M. Dahlquist, Notary
Public, personally appeared Suzane Dagher, personally known
to me or 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/her/their authorized capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.



98918 v1/DC

RECORDED: 11/23/2015