

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4590823

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HUAI-CHUEH CHANG	05/18/2017
STEVEN S. PFEIFFER	08/03/2016
VASILIOS H. ISKOS	08/04/2016
MAKI URAGAMI	06/28/2017
STEVEN WEISSMAN	06/30/2017
ANDREW THOMPSON	06/28/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HORIZON THERAPEUTICS, LLC
<b>Street Address:</b>	150 S. SAUNDERS ROAD
<b>City:</b>	LAKE FOREST
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60045
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15696448
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)685-2300
<i>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.</i>	
<b>Phone:</b>	314-812-8020
<b>Email:</b>	admin@globalpatentgroup.com
<b>Correspondent Name:</b>	GLOBAL PATENT GROUP
<b>Address Line 1:</b>	17014 NEW COLLEGE AVENUE, SUITE 201
<b>Address Line 4:</b>	ST. LOUIS, MISSOURI 63040
<b>ATTORNEY DOCKET NUMBER:</b>	HOR0044-201TC1-US
<b>NAME OF SUBMITTER:</b>	CHRIS MARION
<b>SIGNATURE:</b>	/Chris Marion/
<b>DATE SIGNED:</b>	09/12/2017
<b>Total Attachments: 7</b>	

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source=Executed Assignment - all inventors#page6.tif  
source=Executed Assignment - all inventors#page7.tif

ASSIGNMENT

WHEREAS, I (We),

Huai-Chueh CHANG of Tower Lakes, IL .....  
Steven S. PFEIFFER of Camarillo, CA .....  
Vasilios H. ISKOS of Chicago, IL .....  
Maki URAGAMI of Bethlehem, PA .....  
Steven WEISSMAN of Short Hills, NJ ..... and  
Andrew THOMPSON of Mountainside, NJ .....

respectively, have created an invention entitled:

**PROCEDURE FOR THE PREPARATION OF 4-PHENYL BUTYRATE AND USES THEREOF**

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

Provisional Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and/or

**Non-provisional Application No. 15/164,126 filed on May 25, 2016.**

(Global Patent Group, LLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

AND, WHEREAS, HORIZON THERAPEUTICS, LLC., a corporation with a business address of 150 S. Saunders Road, Lake Forest, IL 60045 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire and exclusive right, title and interest thereunder;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I (We) do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full, entire and exclusive right, title and interest in and to said invention and in and to all said US application(s) and all patents which may be granted therefor, applications converted from a provisional application, and all divisions, reissues, substitutions, continuations, continuations-in-part, any other patent application(s) claiming priority to the above application(s) and extensions thereof; and (I) we hereby authorize and request the Commissioner of US Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom to the said ASSIGNEE of our entire right, title and interest therein.

I (We) also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full, entire and exclusive rights, title and interest to the invention disclosed in said application(s) listed above throughout the world, together with all rights and benefits arising therefrom under the International Convention for the Protection of Industrial Property including any Patent Cooperation Treaty (PCT) or foreign application claiming priority therefrom, the right to file applications from said application(s) listed above or any PCT application(s) claiming priority therefrom, and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I (we) further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other

papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives in any country of the world.

I (We) request that any and all patents for said inventions be issued to said ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

I (We) hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements in said invention; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, PCT applications and substitute applications, make all lawful oaths related to said invention and do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce any patent(s) related to said invention in all countries of the world.

I (We) hereby agree for myself (ourselves) and for my (our) heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuing, reissue, PCT applications or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE to fully secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them any where in the world.

AND I (We) hereby covenant for myself (ourselves) and my (our) legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I (We) have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed my right, title and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

  
Huai-Chueh CHANG

Date: 18-MAY-2017

.....  
Steven S. PFEIFFER

Date: .....

.....  
Vasilios H. ISKOS

Date: .....

.....  
Maki URAGAMI

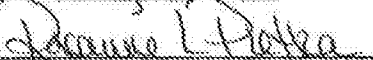
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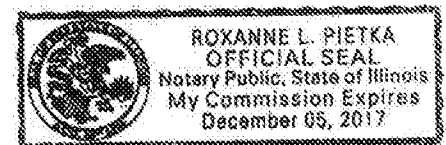
.....  
Steven WEISSMAN

Date: .....

State of: Illinois  
County of: Cook

I certify that this is a true and correct copy of  
a document in the possession of Huai-Chueh Chang  
Dated May 18, 2017

  
Roxanne L. Pietka, Notary Public  
My Commission Expires



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\_\_\_\_\_  
Huai-Chueh CHANG

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Steven S. PFEIFFER

Date: 8-3-2016

\_\_\_\_\_  
Vasilios H. ISKOS

Date: \_\_\_\_\_

\_\_\_\_\_  
Maki URAGAMI

Date: \_\_\_\_\_

\_\_\_\_\_  
Steven WEISSMAN

Date: \_\_\_\_\_

\_\_\_\_\_  
Andrew THOMPSON

Date: \_\_\_\_\_

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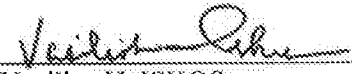
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.....  
Hwai-Chueh CHANG

Date: .....

.....  
Steven S. PFEIFFER

Date: .....

  
.....  
Vasilios H. ISKOS

Date: 04 AUG 2016

.....  
Maki URAGAMI

Date: .....

.....  
Steven WEISSMAN

Date: .....

.....  
Andrew THOMPSON

Date: .....

papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives in any country of the world.

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\_\_\_\_\_  
Huai-Chueh CHANG

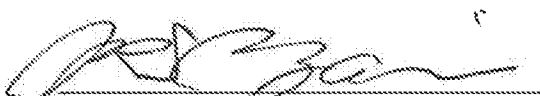
Date: \_\_\_\_\_

\_\_\_\_\_  
Steven S. PFEIFFER

Date: \_\_\_\_\_

\_\_\_\_\_  
Vasilios H. ISKOS

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Maki URAGAMI

Date: June 28, 2017

\_\_\_\_\_  
Steven WEISSMAN

Date: \_\_\_\_\_

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\_\_\_\_\_  
Huai-Chueh CHANG

Date: \_\_\_\_\_

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Steven S. PFEIFFER

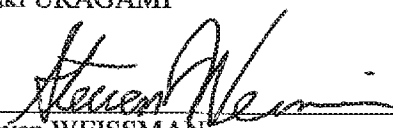
Date: \_\_\_\_\_

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Vasilios H. ISKOS

Date: \_\_\_\_\_


\_\_\_\_\_  
Maki URAGAMI

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Steven WEISSMAN

Date: 30 June 2017



  
Andrew THOMPSON

Date: June 28<sup>th</sup>, 2017

Accepted by: HORIZON THERAPEUTICS, LLC

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_