# 506673194 05/20/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6720009

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MARK E GURNEY	02/12/2014
TIMOTHY J HAGEN	10/31/2013
XUESHENG MO	02/13/2014
A. SAMUEL VELLEKOOP	01/13/2014
DONNA L ROMERO	01/15/2014
ROBERT F CAMPBELL	10/28/2013
JOEL R WALKER	10/31/2013
LEI ZHU	10/28/2013

## **RECEIVING PARTY DATA**

Name:	TETRA DISCOVERY PARTNERS, LLC
Street Address:	301 MICHIGAN ST NE
City:	GRAND RAPIDS
State/Country:	MICHIGAN
Postal Code:	49503

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16781748

#### **CORRESPONDENCE DATA**

**Fax Number:** (314)685-2300

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:** 314-812-8020

**Email:** admin@globalpatentgroup.com

Correspondent Name: GLOBAL PATENT GROUP C/O MISSOURI PATENT SERVICES

Address Line 1: 2275 CASSENS DRIVE, SUITE 118

Address Line 4: ST LOUIS, MISSOURI 63026

ATTORNEY DOCKET NUMBER:	TDP0001-501C4-US
NAME OF SUBMITTER:	DENNIS A. BENNETT
SIGNATURE:	/Dennis A. Bennett/

PATENT 506673194 REEL: 056298 FRAME: 0876

DATE SIGNED:	05/20/2021
Total Attachments: 8	
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PATENT REEL: 056298 FRAME: 0877

## ASSIGNMENT

THE PERSON (MILL)	
WHEREAS, I (We),	
Mark E Gurney of Grand Rapids, MI	
Timothy J. Hagen of Lisle, IL	
Xuesheng Mo of Naperville, IL	
A. Samuel Vellekoop of Altamont, NY	
Donna L. Romero of Chesterfield, MO	
Robert F. Campbell of Niskayuna, NY	
Joel R. Walker of Schenectady, NY	and
Lei Zhu of Schenectady, NY	
respectively, have created an invention entitled;	
HETEROARYL INHIBITO	RS OF PDE4

herewith unless otherwise indicated below:

PCT Application No. PCT/US13/66645 filed on 10-24-2013

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

for which application for Letters Patent of the United States was executed on even date

AND, WHEREAS, **Tetra Discovery Partners**, **LLC** a corporation with a business address of **301 Michigan Street NE**, **Grand Rapids**, **MI 49503** (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 therefore, and provisional and an applications converted from a provisional, and all divisions, reissues, substitutions, continuations, continuations-in-part, any other patent application claiming priority to the above applications 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 there from to the said ASSIGNEE of our entire right, title and interest.

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 PCT applications listed above throughout the world, including the PCT application, the right to file applications from the PCT application 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 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.

PATENT REEL: 052298 FRAME: 0898

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; 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 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.

M. L E. Gurney	Date: 2-12-2016
Mark E Gurney	
Timothy J. Hagen	Date:
Amo	7-12-7x111
Xuesheng Mo	Date: $2-13-2014$
	Date:
A. Samuel Vellekoop	
	Date:
Donna L. Romero	
	Date:
Robert F. Campbell	
	Date:
Joel R. Walker	
	Date:
Lei Zhu	

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	Date:
Mark E Gurney	
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Timothy J. Hagen	
	Date:
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A. Samuel Vellekoop	Date:
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Donna L. Romero	ن نابد
	Date:
Robert F. Campbell	
	Date:
Joel R. Walker	
	Date:
Lei Zhu	

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Mark E Gurney	,	
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Timothy J. Hagen		
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Xuesheng Mo		
Willy	Date: Jon 13	201
A. Samuel Vellekoop		
Donna L. Romero	Date:	<u></u>
	Date:	
Robert F. Campbell		
Joel R. Walker	Date:	
	Date:	
Lei Zhu	ATT WE SEE THE SECOND S	<del>- (* () ,m.;*****</del> (

PATENT REEL: 058298 FRAME: 0898

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	Date:	<ul> <li>Box Section (1) and the section of the</li></ul>
Timothy J. Hagen		
	Date:	
Xuesheng Mo		4 · · · · · · · · · · · · · · · · · · ·
	Date:	
A. Samuel Vellekoop		
Ornal Honor	Date:	1115/14
Donna L. Romero		
	Date:	
Robert F. Campbell		
	Date:	
Joel R. Walker		
	Date:	
Lei Zhu	Date.	

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Mark E Gurney	Date:	··-···
Timothy J. Hagen	Date:	
Xuesheng Mo	Date:	
A. Samuel Vellekoop	Date:	
Donna L. Romero	Date:	
Robert F. Campbell	Date: 10/28/201	3
Joel R. Walker	Date:	
Lei Zhu	Date:	

PATENT REEL: 052298 FRAME: 0666

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; 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 invention in all countries of the world.

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	Date:
Mark E Gurney	
Timothy J. Hagen	Date:
Xuesheng Mo	Date:
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A. Samuel Vellekoop	Date:
Donna L. Romero	Date:
Robert F. Campbell	Date:
Joel R. Walker	Date: 10 31 13
Lei Zhu	Date:

PATENT REEL: 052298 FRAME: 0604

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; 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 invention in all countries of the world.

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	Date:
Mark E Gurney	
	Date:
Timothy J. Hagen	
	Date:
Xuesheng Mo	Jaks ————————————————————————————————————
A. Samuel Vellekoop	Date:
Donna L. Romero	Date:
	Date:
Robert F. Campbell	
	Date:
Joel R. Walker	
Lei Zhu	Date: /0/28/20/

PATENT

REEL: 050298 FRAME: 0602