# 505591243 07/26/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5638043

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT DEAN DALLY	01/14/2019
MARIA CRISTINA GARCIA PAREDES	01/14/2019
LAWRENCE JOSEPH HEINZ II	01/14/2019
JENNIFER MARIE HOWELL	01/14/2019
FRANK GEORGE NJOROGE	01/11/2019
YAN WANG	01/15/2019
GENSHI ZHAO	01/11/2019

# **RECEIVING PARTY DATA**

Name:	Eli Lilly and Company		
Street Address:	Lilly Corporate Center		
Internal Address:	Patent Division		
City:	Indianapolis		
State/Country:	INDIANA		
Postal Code:	46285		

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16481146

## CORRESPONDENCE DATA

Fax Number:	(317)276-3861	
		e-mail address first; if that is unsuccessful, it will be sent nat is unsuccessful, it will be sent via US Mail.
Email:	pater	nts@lilly.com
Correspondent Name:	ELI L	ILLY AND COMPANY
Address Line 1:	Ρ. Ο.	BOX 6288
Address Line 2:	PATE	ENT DIVISION
Address Line 4:	INDI	ANAPOLIS, INDIANA 46206-6288
		Γ
ATTORNEY DOCKET NUMBE	R:	X21823
NAME OF SUBMITTER:		PATRICIA A FOOR
SIGNATURE:		/Patricia A Foor/

DATE SIGNED:	07/26/2019
Total Attachments: 21	
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#### ASSIGNMENT

#### WHEREAS, I

Robert Dean DALLY of Carmel, IN Citizenship: US

am a co-inventor, including at least the following person(s):

Maria Cristina GARCIA PAREDES of Indianapolis, IN Citizenship: ES

Lawrence Joseph HEINZ II of Pittsboro, IN Citizenship: US

Jennifer Marie HOWELL of Indianapolis, IN Citizenship: US

Frank George NJOROGE of Carmel, IN Citizenshio: US

Yan WANG of Carmel, IN Cilizenship: US

Genshi ZHAO of Carmel, IN Cilizenship: US

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of an invention that is the subject of a patent application ("Application") which is entitled CD73 INHIBITORS, for filing:

in the United States Patent and Trademark Office on \_\_\_\_\_\_ and accorded Serial Number \_\_\_\_\_\_

in the \_\_\_\_\_\_ on \_\_\_\_\_\_ and accorded Serial Number \_\_\_\_\_\_,

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A as an International application under the Patent Cooperation Treaty ("PCT"), with United States Patent and Trademark Office acting as Receiving Office on 22 February 2019 and accorded Serial Number PCT/US208/019074

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which claims the benefit of priority application Serial Numbers 62/636,978, filed March 1, 2018 and 62/775,553, filed December 5, 2018.

WHEREAS ELI LILLY AND COMPANY, an Indiana corporation having its principal place of business at Lilly Corporate Center, Indianapolis, Indiana 46265, wishes to acquire the entire interest in all inventions disclosed in such Application;

NOW, THEREFORE, in consideration of my employment, any agreements related thereto, or other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to Ell Lilly and Company, its successors and assigns (collectively "Lilly") my entire right, title and interest in, to and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all present or future patent applications to such inventions that may be filed in any country. inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, reexaminations, reissues, international applications filed under the PCT, United States provisional patent applications, subsequent United States provisional patent applications claiming some or all of this invention, certificates of addition, utility models, petty patents, as well as all other intellectual property related to the Application, inclusive of, but not limited to, supplementary protection certificates; and any related patent term extensions which may be granted for Letters Patent with respect to the Application; all of the above to be held and enjoyed by Lilly for its own use and enjoyment to the full end of the term or terms for which such Letters Patent and related intellectual property rights may be granted, as fully and entirely as the same would have been held and enjoyed by me had this Assignment and sale to Lilly not been made.

For myself and for my helds, successors and legal representatives, I covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

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# PATENT REEL: 049877 FRAME: 0911

Docket No. X21823

I have executed this assignment on the date indicated below. U Date **Robert Dean DALLY** ACCEPTED BY: Authorized Representative for ELI LILLY AND COMPANY GRANT R. REED Printed Name PATRAT COMPLET Title 4 STOCIATE GARCA 2019 15. mullers Date

#### ASSIGNMENT

#### WHEREAS, I

Maria Cristina GARCIA PAREDES of Indianapolis, IN Citizenship: ES

am a co-inventor, including at least the following person(s):

Robert Dean DALLY of Carmel, IN Cilizenship: US

Lawrence Joseph HEINZ II of Pittsboro, IN Cilizenship: US

Jennifer Marie HOWELL of Indianapolis, IN Citizenship: US

Frank George NJOROGE of Carmel, IN Cilizenship: US

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Docket No. X21823

I have executed this assignment on the date indicated below.

21 14/2019 Date

Maria Cristina GARCIA PAREDES

ACCEPTED-84

Authorized Representative for ELI LILLY AND COMPANY

GRANT P. RED Printed Name 9/4/1 Tille 41001075 05-07 1. PATTA COUNSEL 15,2019 and any Date

#### ASSIGNMENT

#### WHEREAS, I

Lawrence Joseph HEINZ II of Pittsboro, IN Cilizenship: US

am a co-inventor, including at least the following person(s):

Robert Dean DALLY of Carmel, IN Cilizenship: US

Marla Cristina GARCIA PAREDES of Indianapolis, IN Citizenship: ES

Jennifer Marie HOWELL of Indianapolis, IN Citizenship: US

Frank George NJOROGE of Carmel, IN Citizenship: US

Yan WANG of Carmel, IN Citizenship: US

Genshi ZHAO of Carmel, IN Citizenship: US

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In the United States Patent and Trademark Office on \_\_\_\_\_\_\_, and accorded Serial Number \_\_\_\_\_\_,

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A as an international application under the Patent Cooperation Treaty ("PCT"), with United States Patent and Trademark Office acting as Receiving Office on <u>タン February 2019</u> and accorded Serial Number <u>Pettus 2019</u>019 074

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Docket No. X21823

I have executed this assignment on the date ignicated by the

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ACCEPTED BY:

Authorized Representative for ELI LILLY AND COMPANY

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#### ASSIGNMENT

#### WHEREAS, I

Jennifer Marie HOWELL of Indianapolis, IN Citizenship: US

am a co-inventor, including at least the following person(s):

Robert Dean DALLY of Carmel, IN Citizenship: US

Maria Cristina GARCIA PAREDES of Indianapolis, IN Citizenship: ES

Lawrence Joseph HEINZ II of Pittsboro, IN Citizenship: US

Frank George NJOROGE of Carmel, IN Citizenship: US

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S as an international application under the Patent Cooperation Treaty ("PCT"), with United States Patent and Trademark Office acting as Receiving Office on 22 Conversion 2019 and accorded Serial Number 201/05209/019074

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I have executed this assignment on the date lpdicated below.

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Janghiller Maring HOWEL

Accepted as of the date above.

ACCEPTED BY: Authorized Representative for ELI LILLY AND COMPANY annice 2019 15 Date

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#### ASSIGNMENT

#### WHEREAS, I

Frank George NJOROGE of Carmel, IN Citizenship: US

am a co-inventor, including at least the following person(s):

Robert Dean DALLY of Carmel, IN Citizenship: US

Maria Cristina GARCIA PAREDES of Indianapolis, IN Citizenship: ES

Lawrence Joseph HEINZ II of Pittsboro, IN Citizenship: UŠ

Jennifer Marie HOWELL of Indianapolis, IN Citizenship: US

Yan WANG of Carmel, IN Citizenship: US

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of an invention that is the subject of a patent application ("Application") which is entitled CD73 INHIBITORS, for filing:

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I hereby give permission to insert above the serial number(s) and filing date(s) for the application when known.

> PATENT REEL: 049877 FRAME: 0922

WHEREAS ELI LILLY AND COMPANY, an Indiana corporation having its principal place of business at Lilly Corporate Center, Indianapolis, Indiana 46285, wishes to acquire the entire interest in all inventions disclosed in such Application;

NOW, THEREFORE, in consideration of my employment, any agreements related thereto, or other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to Eli Lilly and Company, its successors and assigns (collectively "Lilly") my entire right, title and interest in, to and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all present or future patent applications to such inventions that may be filed in any country. inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, reexeminations, reissues, international applications filed under the PCT, United States provisional patent applications, subsequent United States provisional patent applications claiming some or all of this invention, certificates of addition, utility models, petry patents, as well as all other intellectual property related to the Application, inclusive of, but not limited to, supplementary protection certificates; and any related patent term extensions which may be granted for Letters Patent with respect to the Application; all of the above to be held and enjoyed by Lilky for its own use and enjoyment to the full end of the term or terms for which such Letters Patent and related intellectual property rights may be granted, as fully and entirely as the same would have been held and enjoyed by me had this Assignment and sale to Lilly not been made.

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# PATENT REEL: 049877 FRAME: 0923

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Page 3 of 3

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024 Frank Géórga MJOROGE

ACCEPTED BY:

Authorized Representative for ELI ULLY AND COMPANY Printed Name GRANT E. REED Title ASSOCIATE GRANT FATENT COMPLET. Date Journay 15, 2019

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#### ASSIGNMENT

#### WHEREAS, I

Yan WANG of Carmel, IN Citizenship: US

am a co-Inventor, including at least the following person(s):

Robert Dean DALLY of Carmel, IN Cilizenship: US

Maria Cristina GARCIA PAREDES of Indianapolis, IN Citizenship: ES

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<u>ules</u> <u>/. /く , みつく</u> Date / Yan WANG ACCEPTED BY: Authorized Representative for ELI LILLY AND COMPANY Printed Name GRANT E. 2600 Title ASSOCIATE GRAVELAL PATENT COUNSEL ansur 15, 2019 Date

#### ASSIGNMENT

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Genshi ZHAO of Carmel, IN Cilizenship: US

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Robert Dean DALLY of Carmel, IN Cilizenship: US

Maria Cristina GARCIA PAREDES of Indianapolis, IN Citizenship: ES

Lawrence Joseph HEINZ II of Pittsboro, IN Citizenship: US

Jenniter Marie HOWELL of Indianapolis, IN Citizenship: US

Frank George NJOROGE of Carmel, IN Citizenship: US

Yan WANG of Carmel, IN Citizenship: US

of an invention that is the subject of a patent application ("Application") which is entitled CD73 INHIBITORS, for filing:

in the \_\_\_\_\_\_ and accorded Serial Number \_\_\_\_\_\_

\_\_\_\_\_, on \_\_\_\_\_,

in the Spanish Patent Office as a European Application on \_\_\_\_\_\_ and accorded Serial Number \_\_\_\_\_\_,

as an international application under the Patent Cooperation Treaty ("PCT"), with The State Intellectual Property Office (SIPO) of China acting as Receiving Office on \_\_\_\_\_\_\_ and accorded Serial Number \_\_\_\_\_\_\_.

which claims the benefit of priority application Serial Numbers 62/636,978, filed March 1, 2018 and 62/775,553, filed December 5, 2018.

WHEREAS ELI LILLY AND COMPANY, an Indiana corporation having its principal place of business at Lilly Corporate Center, Indianapolis, Indiana 46285, wishes to acquire the entire interest in all inventions disclosed in such Application;

NOW, THEREFORE, in consideration of my employment, any agreements related thereto, or other good and valuable consideration, the receipt of which is hereby acknowledged. I hereby assign to Eli Lilly and Company, its successors and assigns (collectively "Lilly") my entire right, title and interest in, to and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all present or future patent applications to such inventions that may be filed in any country, inclusive of, but not limited to, continuations, continuations-in-part, divisions, substitutions, reexaminations, relssues, international applications filed under the PCT, United States provisional patent applications, subsequent United States provisional patent applications claiming some or all of this invention, certificates of addition, utility models, petty patents, as well as all other intellectual property related to the Application, inclusive of, but not limited to, supplementary protection certificates; and any related patent term extensions which may be granted for Letters Patent with respect to the Application; all of the above to be held and enjoyed by Lilly for its own use and enjoyment to the full end of the term or terms for which such Letters Patent and related intellectual property rights may be granted, as fully and entirely as the same would have been held and enjoyed by me had this Assignment and sale to Lilly not been made.

For myself and for my heirs, successors and legal representatives, I covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

For myself and for my heirs, successors and legal representatives, I further covenant and agree with Lilly that upon request I and they will, without further consideration than that now paid, but at the expense of Lilly: (i) execute original, provisional, substitute, continuation, divisional, continuation-in-part, reexamined, or reissued applications, amended specifications, or rightful declarations or caths for such application; (ii) communicate to Lilly any facts known to me or them relating to such inventions or the history thereof; (ill) execute preliminary statements and testify in any Interference proceedings, litigation discovery proceedings and depositions, oppositions, cancellation proceedings, priority contests, public use proceedings, administrative agency proceedings, litigation and other court actions and the like; (iv) execute and deliver any application papers, affidavits, declarations, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for Lilly, may be necessary or desirable to secure the grant of Letters Patent and related intellectual property to Lilly or its nominees, in the United States and in all other countries where Lifty may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for Liky and to vest and confirm in Liky or its nominees the full and complete legal and equitable title to all such Letters Patent and related intellectual property.

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I have executed this assignment on the date indicated below.

-201 Date

Genshi ZRAO

ACCEPT PO BY

Authorized/Representative for ELI LIJLY AND COMPANY

LEBA Printed Name GRANT The ASSOCIATE GENTEAL GRANT 6. anuds et 0AN 15,2019 antifany Date .

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**RECORDED: 07/26/2019**