PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7319860

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUOZHANG XU	05/05/2022
TIANBAO LU	05/05/2022
ZHIJIE LIU	05/05/2022
MICHEAL D. GAUL	05/05/2022

RECEIVING PARTY DATA

Name:	JANSSEN RESEARCH & DEVELOPMENT, LLC
Street Address:	920 US ROUTE 202
Internal Address:	P.O. BOX 300
City:	RARITAN
State/Country:	NEW JERSEY
Postal Code:	08869

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17732724

CORRESPONDENCE DATA

Fax Number: (732)524-2808

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: 732-524-2812
Email: gcooney@its.jnj.com

Correspondent Name: JOSEPH F. SHIRTZ

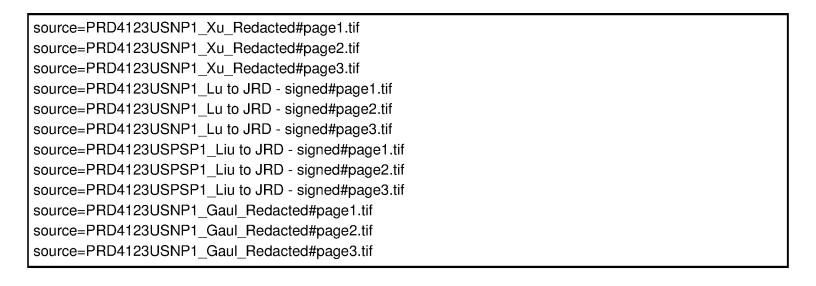
Address Line 1: ONE JOHNSON & JOHNSON PLAZA
Address Line 4: NEW BRUNSWICK, NEW JERSEY 08933

ATTORNEY DOCKET NUMBER:	PRD4123USNP1
NAME OF SUBMITTER:	GERALDINE COONEY
SIGNATURE:	/Geraldine Cooney/
DATE SIGNED:	05/09/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12

PATENT REEL: 059869 FRAME: 0283

507272939



Title of Invention: 7,8-DIHYDROBENZO[E]PYRIDO[3,4-C]AZOCINE-2,5(3H,6H)-DIONE DERIVATIVES USEFUL AS A FACTOR XIA INHIBITORS

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The United States application number <u>17/732,724</u>, filed on <u>April 29, 2022</u>.

Declaration

As the below named inventor, I hereby declare that:

The above-identified application ("Application") was made or authorized by me.

I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application.

I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.

Assignment

JANSSEN RESEARCH & DEVELOPMENT, LLC

920 US Route 202 P.O. Box 300 Raritan, NJ 08869, USA

A corporation of the state or country of <u>New Jersey</u> (hereinafter designated as the "Assignee"),

I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee

which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:
0r
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee, such assignment being made effective as of <u>April 29, 2022</u> :
my entire right title and interest in to and under the Application including all priority rights for other countries arising therefrom and

my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

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Catho	May 5 2022
/	May 3, ZUZZ

Signature

GUOZHANG XU

Date

PATENT

PRD4123USPSP1_XutoJRD

Final Audit Report 2022-05-05

Created: 2022-05-05

By: Geraldine Cooney (gcooney@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAA8ugDQmllrQvg0lcg7JXdDHL1g7WCultc

"PRD4123USPSP1_Xu to JRD" History

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Email viewed by Guozhang Xu

Document e-signed by Guozhang Xu
Signature Date: 2022-05-05 - 3:31:23 PM GMT - Time Source: server- IP address:

Agreement completed. 2022-05-05 - 3:31:23 PM GMT

Johnson-Johnson

Adobe Sign

Title of Invention: 7,8-DIHYDROBENZO[E]PYRIDO[3,4-C]AZOCINE-2,5(3H,6H)-DIONE DERIVATIVES USEFUL AS A FACTOR XIA INHIBITORS

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Declaration

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Assignment

JANSSEN RESEARCH & DEVELOPMENT, LLC

920 US Route 202 P.O. Box 300 Raritan, NJ 08869, USA

A corporation of the state or country of <u>New Jersey</u> (hereinafter designated as the "Assignee"),

I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee

or					
⊠ assigned	For good and valuable consideration, the sufficiency of which is acknowledged, I hereby a dand transferred to Assignee, such assignment being made effective as of <u>April 29, 2022</u> :	assign and	transfer	and/or	have

which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:

my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

TIANBAO LU TIANBAO LU (May 5, 2022 10:57 EDT)	May 5, 2022
Signature	Date

TIANBAO LU

PRD4123USPSP1_LutoJRD

Final Audit Report 2022-05-05

Created: 2022-05-05

By: Geraldine Cooney (gcooney@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAAhdeUunUfvpnDxuhR8vN3p9H6R7rxPN8a

"PRD4123USPSP1_Lu to JRD" History

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Document e-signed by TIANBAO LU (tlu3@its.jnj.com)
Signature Date: 2022-05-05 - 2:57:00 PM GMT - Time Source: server- IP address: 199.65.1.46

Agreement completed.
2022-05-05 - 2:57:00 PM GMT

Johnson-Johnson

Adobe Sign

Title of Invention: 7,8-DIHYDROBENZO[E]PYRIDO[3,4-C]AZOCINE-2,5(3H,6H)-DIONE DERIVATIVES USEFUL AS A FACTOR XIA INHIBITORS

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or					
⊠ assigned	For good and valuable consideration, the sufficiency of which is acknowledged, I hereby and transferred to Assignee, such assignment being made effective as of <u>April 29, 2022</u> :	assign and	transfer	and/or l	have

which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:

my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

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ZHIJIE LIU ZHIJIE LIU (May 5, 2022 13:30 E07)	May 5, 2022
Signature	Date

ZHIJIE LIU

PRD4123USPSP1_Liu to JRD

Final Audit Report 2022-05-05

Created: 2022-05-05

By: Geraldine Cooney (gcooney@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAADzldrw4Zx3bZGBypNEo4ib2e5NEVDgIP

"PRD4123USPSP1_Liu to JRD" History

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Document e-signed by ZHIJIE LIU (zliu129@its.jnj.com)

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Agreement completed.
2022-05-05 - 3:30:19 PM GMT

Johnson-Johnson

Adobe Sign

Title of Invention: 7,8-DIHYDROBENZO[E]PYRIDO[3,4-C]AZOCINE-2,5(3H,6H)-DIONE DERIVATIVES USEFUL AS A FACTOR XIA INHIBITORS

This	decl	laration	and	assignment	is	directed	to:

The United States application number <u>17/732,724</u>, filed on <u>April 29, 2022</u>.

Declaration

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Michael D. Gaul Michael D. Gaul (May 5, 2022 14:29 (07)	May 5, 2022
Signature	Date

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PATENT

PRD4123USPSP1_Gaulto JRD

Final Audit Report 2022-05-05

Created: 2022-05-05

Ву: Geraldine Cooney (gcooney@its.jnj.com)

Status:

Transaction ID: CBJCHBCAABAAOqYiUyHr_nViCpX8u6AiHM_8FSGQbHn4

"PRD4123USPSP1_Gaul to JRD" History

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Document e-signed by Micheal D. Gaul Signature Date: 2022-05-05 - 6:29:54 PM GMT - Time Source: server- IP address:

Agreement completed. 2022-05-05 - 6:29:54 PM GMT

Johnson-Johnson

201628888339 Adobe Sign

RECORDED: 05/09/2022