

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7179448

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MERCK & CIE	11/18/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MERCK PATENT GMBH
<b>Street Address:</b>	FRANKFURTER STRASSE 250
<b>City:</b>	DARMSTADT
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	64293
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	11066408
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)243-6410
<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>	7032436333
<b>Email:</b>	mail@mwzb.com
<b>Correspondent Name:</b>	MILLEN, WHITE, ZELANO & BRANIGAN-AEW
<b>Address Line 1:</b>	2200 CLARENDON BLVD
<b>Address Line 2:</b>	SUITE 1400
<b>Address Line 4:</b>	ARLINGTON, VIRGINIA 22201
<b>ATTORNEY DOCKET NUMBER:</b>	MERCK-4884
<b>NAME OF SUBMITTER:</b>	ASHLEY BROOKSHIRE
<b>SIGNATURE:</b>	/Ashley Brookshire/
<b>DATE SIGNED:</b>	02/16/2022
<b>Total Attachments: 4</b>	
source=3_MERCK-4884_ASSIGNMENT#page1.tif	
source=3_MERCK-4884_ASSIGNMENT#page2.tif	
source=3_MERCK-4884_ASSIGNMENT#page3.tif	
source=3_MERCK-4884_ASSIGNMENT#page4.tif	

## PATENT ASSIGNMENT

WHEREAS, **Merck & Cie**, a company organized and existing under the laws of Switzerland, having a place of business at Im Laternenacker 5, 8200 Schaffhausen, Switzerland, (hereinafter "Assignor"), is the owner by a lawfully executed Assignment of all rights, title and interest in an invention(s), which invention(s) is described in an application(s) for Letters Patent, which application(s) are listed in the attached Schedule as may be amended from time-to-time; and

WHEREAS, Assignor and **Merck Patent GmbH** of Frankfurter Strasse 250, 64293 Darmstadt, Germany, a limited liability company organized and existing under the laws of Germany (hereinafter "Merck Patent") have entered into an agreement (hereinafter "Agreement") pursuant to which, the parties agree that the rights and interests of the Assignor in and to the invention, application(s) and Letters Patent therefor (hereinafter "Invention") shall be the same during the period that Merck Patent owns legal title to the Invention as Assignor's rights and interests were prior to this fiduciary transfer of the legal title to the Invention to Merck Patent and that the fiduciary transfer of the legal title to the Invention to Merck Patent shall not result in any person or entity, including but not limited to Merck Patent, acquiring all or any portion of the rights of the Assignor in and to the Invention. These rights include, but are not limited to, the Assignor's right to exploit the Invention in any manner that Assignor shall choose, the Assignor's right to receive and to control all of the revenues attributable to the exploitation of the Invention, and the Assignor's right to decide which entities, if any, shall be allowed to exploit the Invention and to negotiate and to decide the terms under which the Invention shall be made available for exploitation by any such entities; and

WHEREAS, the purpose of this Patent Assignment is to incorporate the aforementioned Invention into the Agreement.

NOW, THEREFORE, pursuant to the above Agreement, the Assignor has assigned and transferred, and hereby assigns and transfers unto Merck Patent the worldwide title to the Invention, and the title to and under the application(s) and any and all Letters Patent(s) that may be granted on the application(s), any and all priority applications and Letters Patent thereof, any and all divisions or continuations thereof, any and all renewals, substitutes, reissues, reexaminations and extensions thereof, in the United States of America, in the territorial possessions of the United States of America, and equivalents thereto in any country foreign to the United States of America, including full right to claim for any such applications all benefits and priority rights under any applicable convention, the same to be held by Merck Patent for the enjoyment of Assignor, its lawful successors and assigns, as fully and entirely as the same would have been held by Assignor had this assignment not been made.

AND, Assignor hereby authorizes and requests the Commissioner of Patent and Trademarks of the United States of America and respective Patent Office officials in any country foreign to the United States of America to issue said Letters Patent to Merck Patent as the assignee of Assignor's title to and under the same, and Assignor hereby further authorizes Merck Patent to apply for Letters Patent in Assignor's name or in its own name, as Merck Patent in its sole discretion sees fit, utilizing any benefits which may exist under any International Agreement, in any country.

AND, Assignor does hereby agree to execute any lawful document and to testify as to any material fact or thing which Merck Patent may deem necessary in order to secure unto Merck Patent the title to said Invention or any part thereof, the same to be done without any further consideration. And Merck Patent does hereby agree to execute any lawful document and to testify as to any material fact or thing which

Assignor may deem necessary in order to secure unto Assignor the rights to said Invention or any part thereof, the same to be done without any further consideration.

IN TESTIMONY WHEREOF, I hereby set my hand behalf of **Merck & Cie**, this 18 day of

November, 2019.

Signature: [Signature]

Name and Title: Dr. Rudolf Moser, MD  
Dr. Rudolf Moser, Managing Director

**Witnesses:** I attest that on this day the above person on behalf of **Merck & Cie** did sign above in my presence of his/her own free will.

Witness Signature: [Signature]

Witness Name: Ladeca Fugere

Date: November 18, 2019

Witness Signature: [Signature]

Witness Name: Doris Viontakis

Date: November 18, 2019

IN TESTIMONY WHEREOF, I hereby set my hand behalf of **Merck & Cie**, this 18 day of

November, 2019.

Signature: [Signature]

Name and Title: Markus Witschert, CFO  
Markus Witschert, CFO

**Witnesses:** I attest that on this day the above person on behalf of **Merck & Cie** did sign above in my presence of his/her own free will.

Witness Signature: [Signature]

Witness Name: Ladeca Fugere

Date: November 18, 2019

Witness Signature: [Signature]

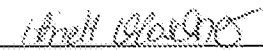
Witness Name: Doris Viontakis

Date: November 18, 2019

IN TESTIMONY WHEREOF, I hereby set my hand behalf of **Merck Patent GmbH** this 27 day of November 2019.

Signature:  PPR i.V.   
Name and Title: Dr. Stefan Horstmann Annette Wagner  
Vice President Associate Director

**Witnesses:** I attest that on this day, the above person on behalf of Merck Patent GmbH did sign above in my presence of his/her own free will.

Witness Signature: 

Witness Name: Anett Moschner

Date: November 27, 2018

Witness Signature: 

Witness Name: Martina Bopp

Date: November 27, 2018

SCHEDULE

Ref.	Application No.	Patent No.	Country	Title	Filing Date	Inventor(s)
P17-094	17164349.7		EP	"Crystalline sodium salt of 5-methyl-(6S)-tetrahydrofolic acid"	31/03/2017	Fritz BLATTER, Martin SZELAGIEWICZ, and Giuseppe LAPADULA
P17-095	17164346.3		EP	"Crystalline sodium salt of 5-methyl-(6S)-tetrahydrofolic acid"	31/03/2017	Fritz BLATTER, Martin SZELAGIEWICZ, and Giuseppe LAPADULA
P17-096	17164365.3		EP	"Crystalline sodium salt of 5-methyl-(6S)-tetrahydrofolic acid"	31/03/2017	Fritz BLATTER and Martin SZELAGIEWICZ
P18-127	18182277.6		EP	"Crystalline salt comprising 5-methyl-(6S)-tetrahydrofolic acid and 4-(2-hydroxyethyl)-morpholine"	06/07/2018	Fritz BLATTER and Martin SZELAGIEWICZ
P18-128	18182278.4		EP	"Crystalline salt of 5-methyl-(6S)-tetrahydrofolic acid and L-isoleucine ethyl ester"	06/07/2018	Fritz BLATTER and Martin SZELAGIEWICZ
P18-129	18182279.2		EP	"Crystalline salts of 5-methyl-(6S)-tetrahydrofolic acid and L-leucine ethyl ester"	06/07/2018	Fritz BLATTER and Martin SZELAGIEWICZ
P18-130	18182281.8		EP	"Crystalline salts of 5-methyl-(6S)-tetrahydrofolic acid and L-valine ethyl ester"	06/07/2018	Fritz BLATTER and Martin SZELAGIEWICZ
P18-131	18182284.2 19168723.5		EP EP	"Crystalline salts of 5-methyl-(6S)-tetrahydrofolic acid and amino acid ethyl esters"	06/07/2018 11/04/2019	Fritz BLATTER, Martin SZELAGIEWICZ, and Giuseppe LAPADULA

Dated: 03.12.2019