

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8382637

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSHUA D. WAETZIG	04/09/2020
GORDON WILKIE	04/08/2020
BRENTON MAR	04/10/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BLUEPRINT MEDICINES CORPORATION
<b>Street Address:</b>	45 SIDNEY STREET
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	18543793
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	6174496500
<b>Email:</b>	lmargolis@mccarter.com
<b>Correspondent Name:</b>	MCCARTER & ENGLISH, LLP
<b>Address Line 1:</b>	265 FRANKLIN STREET
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	134108-03106
<b>NAME OF SUBMITTER:</b>	WEI SONG
<b>SIGNATURE:</b>	/Wei Song/
<b>DATE SIGNED:</b>	01/16/2024
<b>Total Attachments: 12</b>	
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source=134108\_03106 Assignment EXECUTED (Waetzig, Mar, Heinrich,Wilkie to Blueprint)#page12.tif

## ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto

**Blueprint Medicines Corporation**  
45 Sidney Street  
Cambridge, Massachusetts 02139  
United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

**CRYSTALLINE FORMS OF (S)-1-(4-FLUOROPHENYL)-1-(2-(4-(6-(1-METHYL-1H-PYRAZOLO-4-YL)PYRROLLO[2,1-F][1,2,4]TRIAZINE-4-YL)PIPERAZINYL)PYRIMIDIN-5-YL)ETHAN-1-AMINE AND METHODS OF MAKING**

as set forth in the following Patent Applications:

International Application No. PCT/US20/027724, filed April 10, 2020  
Taiwanese Patent Application No. 109112270, filed April 10, 2020

which claim the benefit of the following Applications:

United States Provisional Application No. 62/833,527, filed April 12, 2019  
United States Provisional Application No. 62/844,575, filed May 7, 2019  
United States Provisional Application No. 62/990,269, filed March 16, 2020

Including (a) all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions, (b) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (c) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (d) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

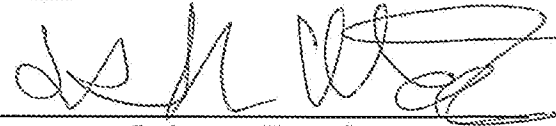
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **McCarter & English, LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 21 day of June, 2022.

  
Joshua D. Waetzig

Witness Signature: Abira Ramakrishnan Date: 21 JUN 2022  
Printed Name: ABIRA RAMAKRISHNAN

Witness Signature: S. Topal Date: 21 JUN 2022  
Printed Name: SALIH TOPAL

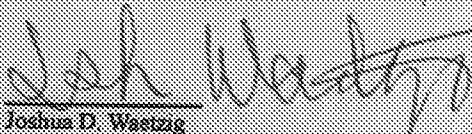
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Executed this 09 day of April, 2020.

  
Joshua D. Waetzig

Witness Signature:

Date:

Printed Name:

Witness Signature:

Date:

Printed Name:

Attorney Docket No.: 134108-031xx

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

\_\_\_\_\_  
Brennan Mar

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

\_\_\_\_\_  
Brenton Mar

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

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

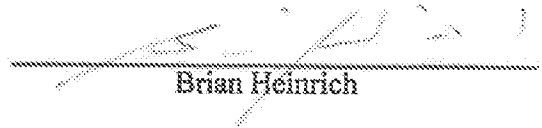
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Witness Signature: \_\_\_\_\_

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

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

Executed this 8<sup>th</sup> day of April, 2020.

  
\_\_\_\_\_  
Brian Heinrich

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

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

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


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

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


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



Executed this 8 day of April, 2020.

  
Gordon Wilkie

Witness Signature:



Date:

4/8/2020

Printed Name:

Johannes M Gubler

Witness Signature:



Date:

04/08/2020


Printed Name:

Xianhong Shou

Acceptance of Assignment by the Assignee:

**Blueprint Medicines Corporation**

Executed this 10<sup>th</sup> day of April, 2020.

  
Name: Jennifer L. Loshach  
Title: Sr Director, Intellectual Property

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

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

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

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

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

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

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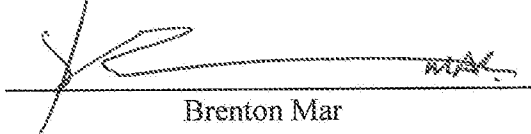
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Executed this 10<sup>th</sup> day of April, 2020.

  
Brenton Mar

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

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

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

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


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

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

Acceptance of Assignment by the Assignee:

**Blueprint Medicines Corporation**

Executed this 10<sup>th</sup> day of April, 2020.

  
Name: Jennifer L. Lockard  
Title: Sr. Director, Intellectual Property

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

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

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

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

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

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