

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6236627

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GIOVANNI CIANCHETTA	08/09/2018
CHARLES KUNG	08/09/2018
TAO LIU	08/09/2018
ANIL KUMAR PADYANA	08/13/2018
ZHIHUA SUI	08/09/2018
RECEIVING PARTY DATA	
Name:	AGIOS PHARMACEUTICALS, INC.
Street Address:	88 SIDNEY STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16639086
CORRESPONDENCE DATA	
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<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>	
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Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	128748-30802
NAME OF SUBMITTER:	MEI BAI, PH.D.
SIGNATURE:	/Mei Bai/
DATE SIGNED:	08/05/2020
Total Attachments: 6	
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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, **Giovanni CIANCHETTA** (Citizenship: United States of America), 82 Herrick Road, Boxford, MA 01921, USA; **Charles KUNG** (Citizenship: United States of America), 39 Rockmont Road, Arlington, MA 02474, USA; **Tao LIU** (Citizenship: United States of America), 11 Frost Circle, Wellesley, MA 02482, USA; **Anil Kumar PADYANA**, (Citizenship: United States of America), 20 Woodpark Circle, Lexington, MA 02421, USA; and **Zhihua SUI** (Citizenship: United States of America), 88 Sidney Street, Cambridge, MA 02139, USA, all hereinafter referred to as said Assignor, hereby:

Sell, assign and transfer to **Agios Pharmaceuticals, Inc.**, a Delaware corporation having a place of business at **88 Sidney Street, Cambridge, Massachusetts 02139, United States of America**, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the International Application for Patent filed with the United States Patent and Trademark Office as Receiving Office of the World Intellectual Property Organization in accordance with the Patent Cooperation Treaty (PCT) on

August 15, 2018

under International Application Serial No. PCT/US2018/000129

and

entitled **PYRUVATE KINASE MODULATORS AND USE THEREOF**

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions (including without limitation International Application No. PCT/CN2017/097496, filed August 15, 2017, and entitled PYRUVATE KINASE ACTIVATORS FOR USE IN TREATING BLOOD DISORDERS; U.S. Provisional Application No. 62/673,526, filed May 18, 2018 and entitled PYRUVATE KINASE ACTIVATORS FOR USE IN TREATING BLOOD DISORDERS; and U.S. Provisional Application No. 62/673,533, filed May 18, 2018, and entitled PYRUVATE KINASE ACTIVATORS FOR USE IN TREATING BLOOD DISORDERS); and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

In the event that the execution date, filing date and/or Application No. are not entered or are incorrect at the time Assignor executed this document, Assignor hereby authorizes and requests an attorney of Assignee to insert the information or make the correction.

THE ASSIGNOR

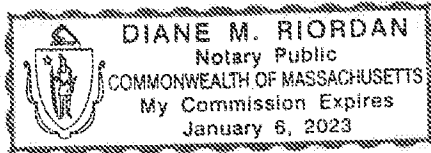

Giovanni CIANCHETTA

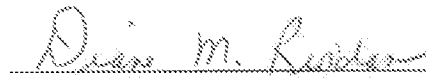
Given and signed in Cambridge, MA this 9th day of AUGUST, 2018.

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX)

On this 9th day of August, 2018, before me, the undersigned notary public, personally appeared Giovanni CIANCHETTA, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL




Notary Public

My Commission Expires 1/6/2023

THE ASSIGNOR

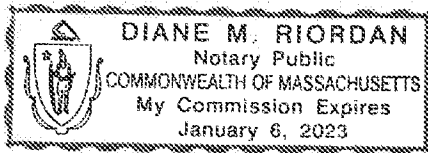
Charles Kung
Charles KUNG

Given and signed in Cambridge, MA this 9th day of August, 2018.

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX)

On this 9th day of August, 2018, before me, the undersigned notary public, personally appeared Charles KUNG, proved to me through satisfactory evidence of identification, which was Personal Knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL



Diane M. Riordan
Notary Public

My Commission Expires 1/6/2023

THE ASSIGNOR

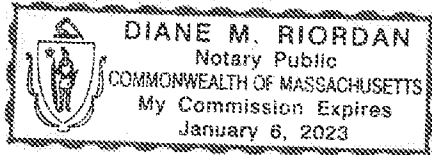
Tao LIU
Tao LIU

Given and signed in Cambridge, MA this 9th day of August, 2018.

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX)

On this 9th day of August, 2018, before me, the undersigned notary public, personally appeared Tao LIU, proved to me through personal knowledge satisfactory evidence of identification, which was personal knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL



Diane M. Riordan
Notary Public

My Commission Expires 1/6/2023

THE ASSIGNOR

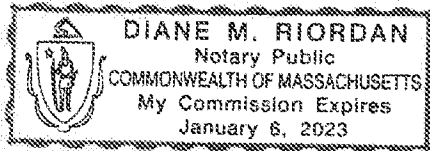
Anil Kumar Padyana
Anil Kumar PADYANA

Given and signed in Cambridge, MA this 13th day of August, 2018.

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX)

On this 13th day of August, 2018, before me, the undersigned notary public, personally appeared Anil Kumar Padyana, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL



Diane M. Riordan
Notary Public

My Commission Expires 1/6/2023

THE ASSIGNOR

Zhihua Sui

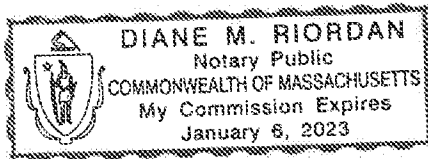
Zhihua Sui

Given and signed in Cambridge, MA this 9th day of August, 2018.

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX)

On this 9th day of August, 2018, before me, the undersigned notary public, personally appeared Zhihua Sui, proved to me through satisfactory evidence of identification, which was Personal Knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL



Diane M. Riordan
Notary Public

My Commission Expires 1/6/2023

ACCEPTED AND AGREED TO BY ASSIGNEE: Agios Pharmaceuticals, Inc.:

Signature *Min Wang*

Date: August 13, 2018

Printed name: Min Wang, Ph.D., J.D.

Title: General Counsel