

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7451957

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANTHONY NICHOLAS	05/26/2022
TAO PEI	07/12/2022
ZHAO XU	06/14/2022
DANIEL BRAAS	06/14/2022
ZHI-MING DING	07/20/2022
RECEIVING PARTY DATA	
Name:	ARROWHEAD PHARMACEUTICALS, INC.
Street Address:	177 EAST COLORADO BOULEVARD
Internal Address:	SUITE 700
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91105
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17748767
CORRESPONDENCE DATA	
Fax Number:	(650)493-6811
<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>	
Phone:	6504939300
Email:	patentdocket@wsgr.com, ljayme@wsgr.com
Correspondent Name:	WILSON SONSINI GOODRICH & ROSATI
Address Line 1:	650 PAGE MILL ROAD
Address Line 4:	PALO ALTO, CALIFORNIA 94304-1050
ATTORNEY DOCKET NUMBER:	58651-713.201
NAME OF SUBMITTER:	LEA R. JAYME
SIGNATURE:	/Lea R. Jayme/
DATE SIGNED:	07/26/2022
Total Attachments: 4	

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PATENT

REEL: 060625 FRAME: 0832

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Anthony Nicholas, of Oregon, Wisconsin; Tao Pei, of Middleton, Wisconsin; Zhao Xu, of Brookfield, Wisconsin; Daniel Braas, of Madison, Wisconsin; and Zhi-Ming Ding, of Waunakee, Wisconsin, hereby assign to: ARROWHEAD PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business located at 177 East Colorado Boulevard, Suite 700, Pasadena, California, 91105; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are the subject of and described and/or claimed in a provisional application for United States Patent, entitled **"RNAi Agents for Inhibiting Expression of Xanthine Dehydrogenase (XDH), Pharmaceutical Compositions Thereof, and Methods of Use"** filed on May 19, 2022, and assigned U.S. Serial Number 17/748,767; this assignment including said application, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that we have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and

we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

we hereby covenant and agree that we will communicate to the Assignee or nominees all facts known to us pertaining to said inventions and improvements, and we agree for ourselves and our respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

we hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

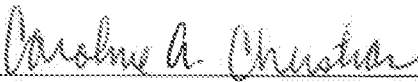
IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this
26th day of May, 2022.



Anthony Nicholas

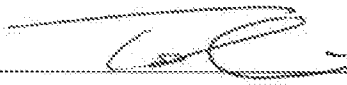
State of Wisconsin }
County of Dane }

Before me this 26 day of May, 2022, personally appeared Anthony Nicholas known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that she executed the same as her free act and deed for the purposes therein contained.



Caroline A. Christian
My Commission Expires: 11/22/2022

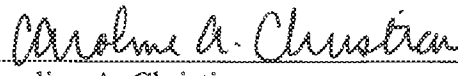
IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this
12 day of July, 2022.



Tao Pei

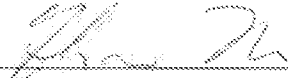
State of Wisconsin }
County of Dane }

Before me this 12 day of July, 2022, personally appeared Tao Pei known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.



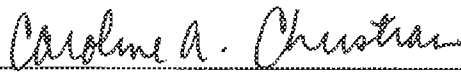
Caroline A. Christian
My Commission Expires: 11/22/2022

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this
14~~th~~ day of June, 2022.


Zhao Xu

State of Wisconsin
County of Dane

Before me this 14 day of June, 2022, personally appeared Zhao Xu known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

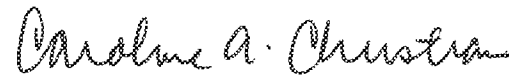

Caroline A. Christian
My Commission Expires: 11/22/2022

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this
14 day of June, 2022.


Daniel Braas

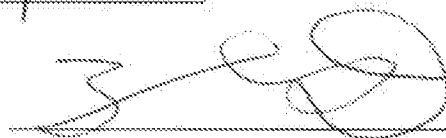
State of Wisconsin
County of Dane

Before me this 14 day of June, 2022, personally appeared Daniel Braas known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Caroline A. Christian
My Commission Expires: 11/22/2022

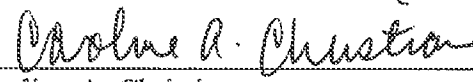
IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this

20 day of July, 2022.


Zhi-Ming Ding

State of Wisconsin
County of Dane

Before me this 20 day of July, 2022, personally appeared Zhi-Ming Ding known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Caroline A. Christian
My Commission Expires: 11/22/2022