

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4449211

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHEN LI	04/25/2017
TAO PEI	04/06/2017
AGNIESZKA GLEBOCKA	04/25/2017
MICHAEL LAWLER	04/24/2017
FRED FLEITZ	04/18/2017
ERICH ALTENHOFER	04/24/2017
PANKAJ KUMAR	04/06/2017
RECEIVING PARTY DATA	
Name:	ARROWHEAD PHARMACEUTICALS, INC.
Street Address:	225 SOUTH LAKE AVENUE
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91101
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15452324
CORRESPONDENCE DATA	
Fax Number:	
<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:	608-316-3984
Email:	patents@arrowheadpharma.com
Correspondent Name:	ROBERT MICHAEL TEIGEN
Address Line 1:	502 S. ROSA ROAD
Address Line 4:	MADISON, WISCONSIN 53719
ATTORNEY DOCKET NUMBER:	30641-US1
NAME OF SUBMITTER:	ROBERT MICHAEL TEIGEN
SIGNATURE:	/Robert Michael Teigen/
DATE SIGNED:	06/07/2017

Total Attachments: 5

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Zhen Li, of Monona, Wisconsin; Tao Pei, of Middleton, Wisconsin; Agnieszka Glebocka, of Madison, Wisconsin; Michael Lawler, of Mequon, Wisconsin; Fred Fleitz, of Germantown, Wisconsin; Erich Altenhofer, of Madison, Wisconsin; and Pankaj Kumar, of Madison, Wisconsin, hereby assign to: ARROWHEAD PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business at 225 South Lake Avenue, Suite 1050, Pasadena, California, 91101; 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 "**Targeting Ligands**," filed on March 7, 2017, and assigned U.S. Serial Number **15/452,324**; 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

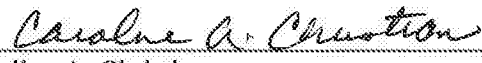
we hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this 25
day of April, 2017.



Zhen Li

State of Wisconsin
County of Dane

Before me this 25 day of April, 2017, personally appeared Zhen Li 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
Notary Public, Brown County, WI
My commission expires: 11/03/2018

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this 6
day of April, 2017.


Tao Pei

State of Wisconsin
County of Dane

Before me this 6th day of April, 2017, 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
Notary Public, Brown County, WI
My commission expires: 11/03/2018

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this 25
day of April, 2017.

Agnieszka Glebocka
Agnieszka Glebocka

State of Wisconsin
County of Dane

Before me this 25 day of April, 2017, personally appeared Agnieszka Glebocka 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
Caroline A. Christian
Notary Public, Brown County, WI
My commission expires: 11/03/2018

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this 24
day of April, 2017.

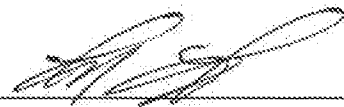
Michael Lawler
Michael Lawler

State of Wisconsin
County of Dane

Before me this 24 day of April, 2017, personally appeared Michael Lawler 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.

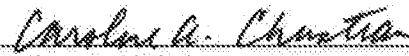
Caroline A. Christian
Caroline A. Christian
Notary Public, Brown County, WI
My commission expires: 11/03/2018

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this 18
day of April, 2017.

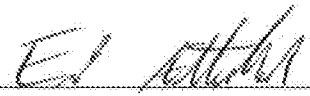

Fred Fleitz

State of Wisconsin
County of Dane

Before me this 18 day of April, 2017, personally appeared Fred Fleitz 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.

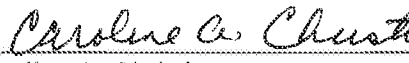

Caroline A. Christian
Notary Public, Brown County, WI
My commission expires: 11/03/2018

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this 24
day of April, 2017.

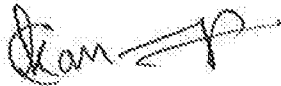

Erich Altenhofer

State of Wisconsin
County of Dane

Before me this 24 day of April, 2017, personally appeared Erich Altenhofer 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
Notary Public, Brown County, WI
My commission expires: 11/03/2018

IN WITNESS WHEREOF, I hereto set my hand and seal at Madison, Wisconsin, this 06
day of APRIL, 2017.



Pankaj Kumar

State of Wisconsin
County of Dane

Before me this 06th day of April, 2017, personally appeared Pankaj Kumar 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
Notary Public, Brown County, WI
My commission expires: 11/03/2018