

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6392217

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALAN GLICKLICH	09/18/2015
MARIA MATILDE SANCHEZ KAM	09/17/2015
WILLIAM R. SHANAHAN	10/14/2015
RECEIVING PARTY DATA	
Name:	ARENA PHARMACEUTICALS, INC.
Street Address:	6154 NANCY RIDGE DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15541496
CORRESPONDENCE DATA	
Fax Number:	(858)677-0065
<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:	858-453-7200
Email:	docketing@arenapharm.com
Correspondent Name:	ARENA PHARMACEUTICALS, INC.
Address Line 1:	6154 NANCY RIDGE DRIVE
Address Line 2:	LEGAL DEPARTMENT
Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	233.US3.PCT
NAME OF SUBMITTER:	SUZI MOGAVERO
SIGNATURE:	/SUZI MOGAVERO/
DATE SIGNED:	11/09/2020
Total Attachments: 5	
source=233.US1.PRO Executed Assignment#page1.tif	
source=233.US1.PRO Executed Assignment#page2.tif	
source=233.US1.PRO Executed Assignment#page3.tif	

source=233.US1.PRO Executed Assignment#page4.tif

source=233.US1.PRO Executed Assignment#page5.tif

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, ALAN GLICKLICH, MARIA MATILDE SANCHEZ KAM, and WILLIAM R. SHANAHAN, each individually assign to ARENA PHARMACEUTICALS, INC., a corporation formed under the laws of Delaware and having a principal place of business at 6154 Nancy Ridge Drive, San Diego, CA 92121, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "METHODS OF TREATING CONDITIONS RELATED TO THE S1P1 RECEPTOR", and was filed in the United States Patent and Trademark Office on January 6, 2015, as application 62/100,362 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

[Signature]
Alan Glicklich

Date: 14 Sept 2015

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego)

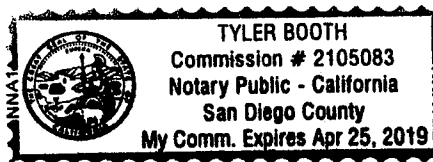
On 09/14/2015 before me, Tyler Booth, Notary Public
(insert name and title of the officer)

personally appeared Alan Glicklich
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature]



Maria Matilde Sanchez Kam
Maria Matilde Sanchez Kam

Date: 9/17/15

City/County of Fairfax
Commonwealth of Virginia

The foregoing instrument was acknowledged before me this 17th day of Sept, 2015 by
Ailien Lebang

[Signature]
Notary Public

Notary registration number: 7092302
My commission expires: 12/31/2015

**AILIEN LEBANG
NOTARY PUBLIC 7092302
COMMONWEALTH OF VIRGINIA**

WR Shanahan
William R. Shanahan

Date: 10-14-15

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

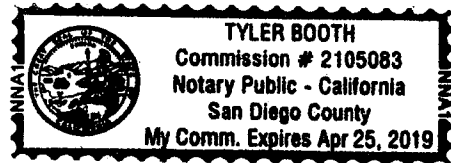
On 10/14/2015 before me, Tyler Booth, Notary Public
(insert name and title of the officer)

personally appeared William R. Shanahan
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Tyler Booth



The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: ARENA PHARMACEUTICALS, INC.

Signature: David L. Bradhute

Date: 14 Oct 2015

Name: David L. Bradhute

Title: Vice President & Associate General Counsel, Intellectual Property & Tax

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Diego

On 10/14/2015 before me, Tyler Booth, Notary Public
(insert name and title of the officer)

personally appeared David L. Bradhute
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Tyler Booth



23437660.doc