504470960 07/24/2017 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4517662

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
YIFENG XIONG			06/05/2017	
RECEIVING PARTY	ΔΑΤΑ			
Name:	ARENA P	ARENA PHARMACEUTICALS, INC.		
Street Address:	6154 NAM	154 NANCY RIDGE DRIVE		
City:	SAN DIE	SAN DIEGO		
State/Country:	CALIFOR	CALIFORNIA		
Postal Code:	92121	92121		
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Property Type		Number		
Application Number:		964849		
Application Number:				
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Application Number:		5400670		
	DATA	12)281-0717		
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ASSIGNMENT

WHEREAS, I, YIFENG XIONG (hereinafter "Assignor"), am an inventor of a certain new and useful invention(s) as set forth and disclosed in the patent application(s) listed in <u>Schedule A</u> attached hereto (hereinafter the "Invention"):

WHEREAS, ARENA PHARMACEUTICALS, INC., having an address of 6154 Nancy Ridge Drive, San Diego, CA 92121 (hereinafter "Assignee"), is desirous of acquiring Assignor's entire right, title and interest in and to said Invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, at least as of August 15, 2007, Assignor does hereby confirm Assignor's previous assignment and does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, Assignor's entire right, title and interest in and to said Invention as set forth in the scheduled application(s), including any applications which claim priority to the scheduled application(s), any application(s) to which the scheduled application(s) claim priority, and any continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention;

AND for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns all rights to claim priority rights deriving from the Invention and scheduled application(s); all causes of action and remedies related to the Invention and scheduled application(s) (including, without limitation, the right to sue for past, present, or future infringement, misappropriate or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and any and all other rights and interests arising out of, in connection with, or in relation to the Invention and scheduled application(s).

UPON SAID CONSIDERATION, Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Assignment, and that Assignor will, at any time upon request, without further or additional consideration, but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect Assignee's enjoyment of this grant, and render all necessary assistance in making application for or obtaining original patents or applications, continuations, continuations-in-part, divisions, registrations, reissues, re-examinations or extensions thereof, whether in the U.S. or any foreign country, for said Invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignor and Assignee.

The undersigned hereby grant(s) the firm of PEPPER HAMILTON LLP the power to insert on this Assignment any further identification, including the country, application

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number, filing date and/or title, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other patent office for recordation of this document; and

The undersigned requests that any patents that may be issued for said Invention be issued to said Assignee, its legal representatives, successors or assigns, as an owner of my entire right, title and interest in and to said patent and the Invention covered thereby.

Date: <u>6-5-7017</u> Assignor: <u>Gifung</u>

ACKNOWLEDGMENT

STATE OF California COUNTY OF San Dilgo) SS:

On this 5^{H} day of $\overline{\text{JUNC}}$, 2017, before me, a Notary Public, the undersigned officer, personally appeared YIFENG XIONG, to me known (or satisfactorily proven) to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public Marguist My commission expires 19 2019



-2-

Agreed and accepted:

ARENA PHARMACEUTICALS, INC.

Date: 6 JUNE 2017

Assignee: By: Title:

Shannon Carter Head of Intellectual Property

ACKNOWLEDGMENT STATE OF <u>California</u> COUNTY OF <u>San Dir</u> SS:)

On this 6^{M} day of 5^{M} , 2017, before me, a Notary Public, the undersigned officer, personally appeared 5^{M} , to me known (or satisfactorily proven) to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

My commission expires ____

SEAL

Notary Public

10Acquist Myc2017

MARIA GABRIELA ACQUISTI Commission # 2137578 Notary Public - California San Diego County My Comm. Expires Dec 19, 2019

PATENT

Docket No. 142956.02111

SCHEDULE A

Patent Application No.	Filing Date	Title
60/964,849	August 15, 2007	IMIDAZO[1,2-A]PYRIDINE DERIVATIVES AS MODULATORS OF THE 5-HT2A SEROTONIN RECEPTOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
PCT/US08/009740	August 14, 2008	IMIDAZO[1,2-A]PYRIDINE DERIVATIVES AS MODULATORS OF THE 5-HT2A SEROTONIN RECEPTOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
12/673,463	February 12, 2010	IMIDAZO[1,2-A]PYRIDINE DERIVATIVES AS MODULATORS OF THE 5-HT2A SEROTONIN RECEPTOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
15/400,670	January 6, 2017	IMIDAZO[1,2-A]PYRIDINE DERIVATIVES AS MODULATORS OF THE 5-HT2A SEROTONIN RECEPTOR USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
	No. 60/964,849 PCT/US08/009740 12/673,463	No. August 15, 2007 60/964,849 August 15, 2007 PCT/US08/009740 August 14, 2008 12/673,463 February 12, 2010

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