

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4547736

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YAT SUN OR	08/03/2017
	XUECHAO XING	08/07/2017
	RUICHAO SHEN	08/03/2017
	BIN WANG	08/03/2017
	BRETT GRANGER	08/03/2017
	JING HE	08/03/2017
	YONG HE	08/03/2017
	GUOQIANG WANG	08/03/2017
RECEIVING PARTY DATA		
Name:	ENANTA PHARMACEUTICALS, INC.	
Street Address:	500 ARSENAL STREET	
City:	WATERTOWN	
State/Country:	MASSACHUSETTS	
Postal Code:	02472	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15597431
CORRESPONDENCE DATA		
Fax Number:	(978)251-3973	
<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:	9782513509	
Email:	cdelmore@elmorepatents.com	
Correspondent Name:	ELMORE PATENT LAW GROUP, P.C.	
Address Line 1:	484 GROTON ROAD	
Address Line 4:	WESTFORD, MASSACHUSETTS 01886	
ATTORNEY DOCKET NUMBER:	4014.1297 US1	
NAME OF SUBMITTER:	EDGAR W. HARLAN, REG. NO. 42632	
SIGNATURE:	/Edgar W. Harlan/	

DATE SIGNED:	08/13/2017
Total Attachments: 7 source=00329817#page1.tif source=00329817#page2.tif source=00329817#page3.tif source=00329817#page4.tif source=00329817#page5.tif source=00329817#page6.tif source=00329817#page7.tif	

ASSIGNMENT

WHEREAS, we, **Yat Sun Or, Xuechao Xing, Ruichao Shen, Bin Wang, Brett Granger, Jun Ma, Jing He, Jiang Long, Yong He and Guoqiang Wang** (hereinafter "ASSIGNORS"), have invented a certain improvement in **ISOXAZOLE DERIVATIVES AS FXR AGONISTS AND METHODS OF USE THEREOF**, described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on **May 17, 2017** as Application No. **15/597,431**;

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Enanta Pharmaceuticals, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **500 Arsenal Street, Watertown, MA 02472** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application and all divisionals, renewals, and continuations thereof, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon and all reissues and extensions thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property including, without limitation, all applications for patents, utility models and designs which may be filed for said invention in any countries foreign to the United States together with the right to file such applications and the right to claim for the same the priority rights claimed in or derived from said application or any priority application thereof under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed as may be applicable; and all forms of industrial property protection including, without limitation, patents, utility models, inventor's certificates, and designs which may be granted for said invention in any country foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

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

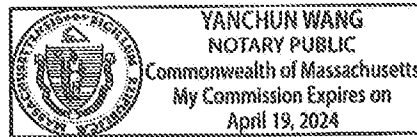
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, the ASSIGNORS, have duly executed this Assignment.

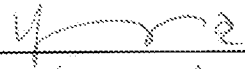
Inventor: 
YAT SUN OR

State/Commonwealth
of Massachusetts
County of Middlesex



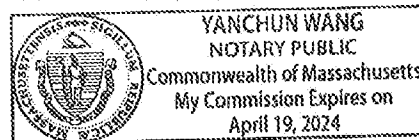
On this 3rd day of August, 2017, before me, the undersigned notary public, personally appeared **YAT SUN OR** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

 Notary Public
Yanchun Wang (print name)
My Commission expires 4/19/2024

Inventor: 
XUECHAO XING

State/Commonwealth
of Massachusetts
County of Middlesex



On this 24th day of August, 2017, before me, the undersigned notary public, personally appeared **XUECHAO XING** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

 Notary Public
Yanchun Wang (print name)
My Commission expires 4/19/2024

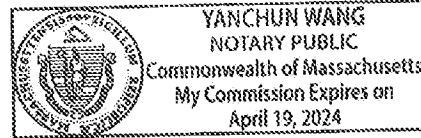
Inventor: *Rui Shen*

RUICHAO SHEN

State/Commonwealth

of Massachusetts

County of Middlesex



On this 3rd day of August, 2017, before me, the undersigned notary public, personally appeared **RUICHAO SHEN** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

Yanchun Wang Notary Public

Yanchun Wang (print name)

My Commission expires 4/19/2024

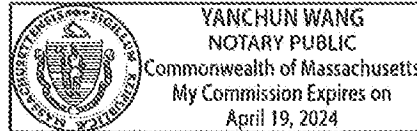
Inventor: *Bin Wang*

BIN WANG

State/Commonwealth

of Massachusetts

County of Middlesex



On this 3rd day of August, 2017, before me, the undersigned notary public, personally appeared **BIN WANG** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

Yanchun Wang Notary Public

Yanchun Wang (print name)

My Commission expires 4/19/2024

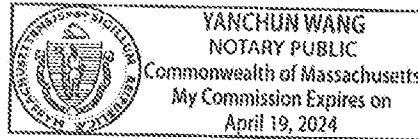
Inventor: Brett Granger

BRETT GRANGER

State/Commonwealth

of Massachusetts

County of Middlesex



On this 3 day of August, 2017, before me, the undersigned notary public, personally appeared **BRETT GRANGER** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

Yanchun Wang Notary Public

Yanchun Wang (print name)

My Commission expires 4/19/2024

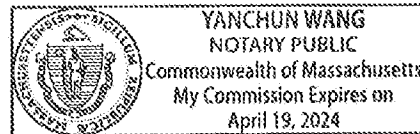
Inventor: Jun Ma

JUN MA

State/Commonwealth

of Massachusetts

County of Middlesex



On this 2nd day of August, 2017, before me, the undersigned notary public, personally appeared **JUN MA** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

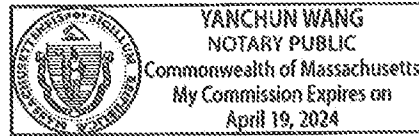
Yanchun Wang Notary Public

Yanchun Wang (print name)

My Commission expires 4/19/2024

Inventor: Jing He
JING HE

State/Commonwealth
of Massachusetts
County of Middlesex



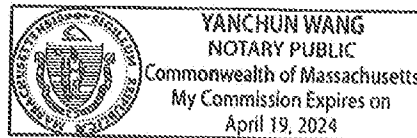
On this 3rd day of August, 2017, before me, the undersigned notary public, personally appeared **JING HE** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

Yanchun Wang Notary Public
Yanchun Wang (print name)
My Commission expires 4/19/2024

Inventor: Jiang Long
JIANG LONG

State/Commonwealth
of Massachusetts
County of Middlesex



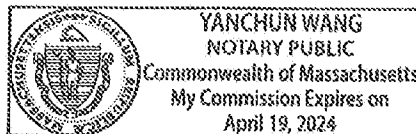
On this 3rd day of August, 2017, before me, the undersigned notary public, personally appeared **JIANG LONG** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

Yanchun Wang Notary Public
Yanchun Wang (print name)
My Commission expires 4/19/2024

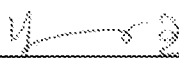
Inventor: 
YONG HE

State/Commonwealth
of Massachusetts
County of Middlesex



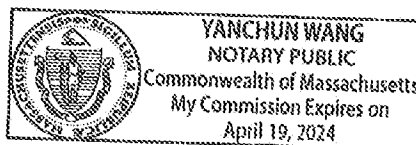
On this 3rd day of August, 2017, before me, the undersigned notary public, personally appeared **YONG HE** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

 Notary Public
Yanchun Wang (print name)
My Commission expires 4/19/2024

Inventor: 
GUOQIANG WANG

State/Commonwealth
of Massachusetts
County of Middlesex



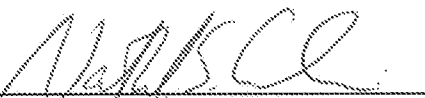
On this 3rd day of August, 2017, before me, the undersigned notary public, personally appeared **GUOQIANG WANG** proved to me through satisfactory evidence of identification, which were known to me, to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the foregoing instrument as his/her free act and deed.

(SEAL)

 Notary Public
Yanchun Wang (print name)
My Commission expires 4/19/2024

IN TESTIMONY WHEREOF, I, on behalf of and duly authorized by the ASSIGNEE, have executed this Assignment.

ENANTA PHARMACEUTICALS, INC.

By: 

Name: Nathaniel S. Gardiner

Title: Senior Vice President and General Counsel