

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2638432

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>FRANK WU</td> <td>11/25/2013</td> </tr> <tr> <td>YAN ZHANG</td> <td>11/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	FRANK WU	11/25/2013	YAN ZHANG	11/25/2013
Name	Execution Date						
FRANK WU	11/25/2013						
YAN ZHANG	11/25/2013						
RECEIVING PARTY DATA							
Name:	XUANZHU PHARMA CO., LTD.						
Street Address:	2518 TIANCHEN STREET						
Internal Address:	NATIONAL HIGH-TECH DEVELOPMENT ZONE						
City:	JINAN						
State/Country:	CHINA						
Postal Code:	250101						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>CN2012000761</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	CN2012000761		
Property Type	Number						
PCT Number:	CN2012000761						
CORRESPONDENCE DATA							
Fax Number:	(617)542-2241						
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	MATTHEW PAVAO						
Address Line 1:	ONE FINANCIAL CENTER						
Address Line 2:	MINTZ LEVIN						
Address Line 4:	BOSTON, MASSACHUSETTS 02111						
ATTORNEY DOCKET NUMBER:	46480-501001WO						
NAME OF SUBMITTER:	MATTHEW PAVAO						
Signature:	/ Matthew Pavao /						

Date:

12/05/2013

Total Attachments: 3

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ASSIGNMENT

We, **Frank Wu** and **Yan Zhang**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **Xuanzhu Pharma Co., Ltd.**, with offices at, **2518 Tianchen Street, National High-Tech Development Zone, Jinan City, Shandong Province, 250101 CHINA**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

PYRIDONAPHTHYRIDINE PI3K/MTOR DUAL INHIBITORS AND PREPARATION AND USE THEREOF

filed with the U.S. Patent and Trademark Office on December 4, 2013 and assigned Application No. 14123934, which is a national stage application filed under 35 U.S.C. §371 of International Application No. **PCT/CN2012/000761** filed **June 4, 2012**, which claims priority to, and/or the benefit of, Chinese Application Nos. **201110159903.0** filed **June 4, 2011** and **201110365829.8** filed **November 4, 2011**, including any including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

First Inventor : Wu et al.
Application No. : 14123934
Filed : December 4, 2013
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We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

We hereby declare the following, the above-identified application was made or authorized to be made by each of us. We each believe that we each are the original inventor or an original joint inventor of a claimed invention in the application. We each hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: Nov. 25, 2013

Frank Wu
Signature of: Frank Wu

IN WITNESS WHEREOF, I, Weili Zhao, hereby declare
(Printed Name of Witness)
that I was personally present and did see the above named person duly sign and execute the assignment.

Weili Zhao
(Signature of Witness)

Date: Nov. 25, 2013

IN WITNESS WHEREOF, I, Xiaolian He, hereby declare
(Printed Name of Witness)
that I was personally present and did see the above named person duly sign and execute the assignment.

Xiaolian He
(Signature of Witness)

Date: Nov. 28, 2013

First Inventor : Wu et al.
Application No. : 14123934
Filed : December 4, 2013
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Date: Nov. 25, 2013 _____
Signature of: Yan Zhang

IN WITNESS WHEREOF, I, Weili Zhao, hereby declare
(Printed Name of Witness)
that I was personally present and did see the above named person duly sign and execute the
assignment.

Weili Zhao
(Signature of Witness)

Date: Nov. 25, 2013 _____

IN WITNESS WHEREOF, I, Xiaolian He, hereby declare
(Printed Name of Witness)
that I was personally present and did see the above named person duly sign and execute the
assignment.

Xiaolian He
(Signature of Witness)

Date: Nov. 25, 2013 _____

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