

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3637775

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BIN HU	04/09/2014
BIN ZHONG	04/14/2014
DAHAI WANG	04/14/2014
JINGLAI HAO	04/09/2014
WEI WEI	04/14/2014
TAO JI	04/14/2014
SHUAI ZAN	04/14/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WUXI APPTec (SHANGHAI) CO., LTD.
<b>Street Address:</b>	288 FUTE ZHONG ROAD
<b>Internal Address:</b>	WAIGAOGIAO FREE TRADE ZONE
<b>City:</b>	SHANGHAI
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	200131
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14761256
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(732)594-4720
<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>	
<b>Phone:</b>	7325940994
<b>Email:</b>	us_efs@merck.com
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<b>Address Line 4:</b>	RAHWAY, NEW JERSEY 07065
<b>ATTORNEY DOCKET NUMBER:</b>	23422-US-PCT
<b>NAME OF SUBMITTER:</b>	KELLY A. PANNO
<b>SIGNATURE:</b>	/KELLY A. PANNO/

PATENT

<b>DATE SIGNED:</b>	12/01/2015
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**Total Attachments: 6**

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Attorney Docket No.: 23422

律师案号: \_\_\_\_\_

WORLDWIDE ASSIGNMENT

全球性转让

WHEREAS, I/WE,

鉴于, 我/我们

- (1) Bin HU, located at Shanghai, CHINA
- (2) Bin ZHONG, located at Shanghai, CHINA
- (3) Dahai WANG, located at Shanghai, CHINA
- (4) Jinglai HAO, located at Shanghai, CHINA
- (5) Wei WEI, located at Shanghai, CHINA
- (6) Tao Ji, located at Shanghai, CHINA
- (7) Shuai ZAN, located at Shanghai, CHINA

- (1) Bin Hu, 位于 Shanghai, China
- (2) Bin Zhong 位于 Shanghai, China
- (3) Dahai Wang 位于 Shanghai, China
- (4) Jinglai Hao 位于 Shanghai, China
- (5) Wei Wei 位于 Shanghai, China
- (6) Tao Ji, 位于 Shanghai, China
- (7) Shuai Zan 位于 Shanghai, China

(hereinafter ASSIGNOR(S)), together with

(以下称为让与人), 与

- (8) Wensheng YU, located at Edison, New Jersey, USA;
- (9) Ling TONG, located at Warren, NJ, USA
- (10) Joseph A. KOZLOWSKI, located at Princeton, NJ, USA
- (11) Oleg SELYUTON, located at West Windsor, NJ, USA
- (12) Lei CHEN, located at Roselle Park, NJ, USA
- (13) Jae-Hun KIM, located at Scotch Plains, NJ, USA
- (14) Deyou SHA, located at Yardley, PA, USA
- (15) Razia RIZVI, located at Bloomfield, NJ, USA, and
- (16) Bandarpalle SHANKAR, located at Branchburg, NJ, USA

- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;
- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;
- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;
- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;
- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;
- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;
- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;
- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;
- 及 \_\_\_\_\_, 位于 \_\_\_\_\_;

are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

为具有上文所标示的律师卷号及下述发明名称中的专利申请所述发明的发明人:

HETEROCYCLE-SUBSTITUTED TETRACYCLIC COMPOUNDS AND METHODS OF USE THEREOF FOR THE TREATMENT OF VIRAL DISEASES

and/or in the following application(s):

且/或于下述申请:

PCT International Application No. PCT/CN2013/000036 filed on January 16, 2013;

PCT International Application No. PCT/CN2013/001676 having a filing date of December 31, 2013.

U.S. Application No. \_\_\_\_\_ having a filing date of \_\_\_\_\_; and

申请日为 \_\_\_\_\_ 的美国临时专利申请号 \_\_\_\_\_;

申请日为 \_\_\_\_\_ 的 PCT 国际申请号 \_\_\_\_\_。

申请日为 \_\_\_\_\_ 的美国专利申请号 \_\_\_\_\_; 以及

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

鉴于, 我/我们约定兹转让的权利和所有权系无任何权利瑕疵, 且我/我们对在此所转让的该权利和所有权拥有全部权利。

Attorney Docket No.: 23422

律师案号: \_\_\_\_\_

WHEREAS, WUXI AppTec (Shanghai) Co., Ltd.,  
a corporation organized under the laws of CHINA  
Having an office at 288 Fute Zhong Road, Waigaogiao Free  
Trade Zone, Shanghai 200131, P.R. CHINA

and its successors, assigns and legal representatives  
(hereinafter **ASSIGNEE**), is desirous of obtaining the  
entire right, title and interest in, to and under the  
invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable  
consideration, the receipt of which is hereby  
acknowledged, I/we, said ASSIGNOR(S), do each hereby sell,  
assign and transfer or confirm the grant and assignment to  
said **ASSIGNEE** my/our entire right, title and interest  
in all countries of the world in and to my/our invention  
described in said application for Patents, in and to the right  
to file patent applications in the name of **ASSIGNEE**, its  
designee, or in any or all of our names, at its election,  
on the aforesaid invention in all countries of the world,  
together with all rights of priority in the aforesaid  
countries deriving from the above-identified application  
for Patents under the International Convention for the  
Protection of Industrial Property, under the Inter-American  
Convention relating to Inventions, Patents, Designs  
and Industrial Models and under any other international  
arrangement relating to patents or intellectual property,  
in and to any and all Letters Patent that are granted  
from the aforesaid application for Patents, in and to  
any applications claiming priority benefits to a provisional  
patent application or other applications filed on said  
invention, and in and to any continuations, divisions,  
reexaminations, reissues, renewals and extensions  
thereof of any of said Letters Patent, the same to be held  
and enjoyed by said **ASSIGNEE**, to the full ends of the  
terms for which all Letters Patent therefore may be  
granted, as fully and entirely as the same would have been  
held and enjoyed by us if this assignment and sale had not  
been made.

AND I/WE HEREBY covenant and agree that we  
will at any time, upon the request and at the expense of  
**ASSIGNEE**, without further compensation or charge to  
said **ASSIGNEE**, execute and deliver any and all  
documents that may be necessary or desirable to perfect  
the title to the foregoing invention, patent applications,  
and Letters Patent and continuations, divisions,  
reexaminations, reissues, renewals and extensions thereof  
in the name of **ASSIGNEE**, including the execution and

鉴于, \_\_\_\_\_,  
依照 \_\_\_\_\_ 的法律  
建立的公司, 具有位于 \_\_\_\_\_  
\_\_\_\_\_ 的办公地点,  
及其权利继承人, 受让人和法定代表人  
(以下称为受让人), 希望获取在所述申请  
中披露的发明的全部权利、权力及利益;

因此, 出于在此确认已经收到的  
有效及有价值的对价, 我/我们, 即让与人,  
将我/我们在下述事项中描述的全部权利、  
权力及利益在此出售、出让并转移或确认  
其让渡及转让予所述受让人; 在世界上  
所有国家中对我/我们描述于所述  
专利申请中的发明的全部权利、  
权力及利益; 对任意以受让人、  
其指定代理人的名义, 或以我/我们中部分  
或全部的名义在世界上所有国家提交  
关于前述发明的专利申请的权利, 以及  
在前述国家中源自前述专利申请  
所有基于《保护工业产权巴黎公约》、  
《涉及发明、专利、设计和工业模型  
的美洲公约》及涉及专利或知识产权的  
任何其它国际协议的优先权的全部权利、  
权力及利益; 对源于前述专利申请而  
授权的任何及所有专利证书  
的全部权利、权力及利益; 对任何针对  
根据上述发明提交的临时专利申请或  
其它申请要求优先权利利益的申请的  
全部权利、权力及利益; 以及对任何上述  
专利证书的继续、分案、再审、再颁专利、  
维持及延期的全部权利、权力及利益,  
受让人持有并享有前述权利、权力及利益  
直到所述所有可能获得的专利证书的期限  
完全到期, 与如果该转让及买卖未发生  
我们应持有和享有的全部权利、权力及利益  
全部和完全相同。

而且我/我们在此约定并同意我们将  
在任何时间, 依受让人要求, 由受让人  
负担费用, 并不再请求附加的补偿或费用,  
签署并交付任何及所有可能对于完善  
前述发明、专利申请及专利证书的权利,  
及其以受让人名义的继续、分案、再审、  
再颁专利、维持及延期而必要及所需文件,  
包括签署并获取任何及全部用于证明该转让  
及买卖的进一步的文件, 而这些文件对于

procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

在任何所涉及的国家的专利局登记该转让及买卖可能是必要或需要的, 且我们将会为获取所述文件或协助获取所述文件的需要而进行所有正当的宣誓及声明和进行所有合法的行为。

I/WE HEREBY authorize ASSIGNEE to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

我/我们藉此授予受让人在接受正式通知时在本文件上填写所述专利申请的专利申请号及申请日的权利。

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

本文件可以制作任何数目的副本, 所有由此制作的副本均视为原件, 但其全部副本应一起构成仅一个且相同的文件。

Executed this 9<sup>th</sup> day of April, 20 14

签署于 20 14 年, 4 月 9 日。

Bin Hu  
Bin HU

Witness

目击证明

Personally appeared before me the above named Bin HU to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his/her free act and deed this 9<sup>th</sup> day of April, 20 14.

本人出现在我面前, 我证明他(她)

与前述文件中所述并签署前述文件的人为同一人, 且我证明他(她)以自己自由的意愿为所述目的签署了所述文件。  
20 14 年, 4 月 9 日。

Jinshe HAO  
Witness 1 / 目击者 1

Lianjian HAO  
Witness 2 / 目击者 2

Attorney Docket No.: 23422

律师案号: \_\_\_\_\_

Executed this 14 day of Apr., 20 14.

签署于 20 14 年, 4 月 14 日。

Bin Zhong  
Bin ZHONG

**Witness**

Personally appeared before me the above named Bin ZHONG to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his/her free act and deed this 14 day of Apr., 20 14.

**目击证明**

本人出现在我面前, 我证明他(她)与前述文件中所述并签署前述文件的人为同一人, 且我证明他(她)以自己自由的意愿为所述目的签署了所述文件。20 14 年, 4 月 14 日。

Dahai Wang  
Witness 1 / 目击者 1

Shi Zan  
Witness 2 / 目击者 2

Executed this 14 day of April, 20 14.

签署于 20 14 年, 4 月 14 日。

Dahai Wang  
Dahai WANG

**Witness**

Personally appeared before me the above named Dahai WANG to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his/her free act and deed this 14 day of April, 20 14.

**目击证明**

本人出现在我面前, 我证明他(她)与前述文件中所述并签署前述文件的人为同一人, 且我证明他(她)以自己自由的意愿为所述目的签署了所述文件。20 14 年, 4 月 14 日。

Chengzuo Shen  
Witness 1 / 目击者 1

Weo Weo  
Witness 2 / 目击者 2

Executed this 9 day of Apr, 20 14

签署于 20 14 年, 4 月 9 日。

Jinglai HAO  
Jinglai HAO

**Witness**

Personally appeared before me the above named Jinglai HAO to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his/her free act and deed this 9th day of April, 20 14.

**目击证明**

本人出现在我面前, 我证明他(她)与前述文件中所述并签署前述文件的人为同一人, 且我证明他(她)以自己自由的意愿为所述目的签署了所述文件。20 14 年, 4 月 9 日。

Bin Wu  
Witness 1 / 目击者 1  
Lianjuan Zhao  
Witness 2 / 目击者 2

Executed this 14 day of April 20 14

签署于 20 14 年, 4 月 14 日。

Wei Wei  
Wei WEI

**Witness**

Personally appeared before me the above named Wei WEI to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his/her free act and deed this 14th day of April, 20 14.

**目击证明**

本人出现在我面前, 我证明他(她)与前述文件中所述并签署前述文件的人为同一人, 且我证明他(她)以自己自由的意愿为所述目的签署了所述文件。20 \_\_\_\_ 年, \_\_\_\_ 月 \_\_\_\_ 日。

Dexhawong  
Witness 1 / 目击者 1  
Bin Zhang  
Witness 2 / 目击者 2

Executed this 14 day of Apr., 2014

签署于 2014 年, 04 月 14 日。

Tao Ji  
Tao Ji

**Witness**

Personally appeared before me the above named Tao Ji to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his/her free act and deed this 14 day of Apr., 2014

**目击证明**

本人出现在我面前, 我证明他(她)

与前述文件中所述并签署前述文件的人为同一人, 且我证明他(她)以自己自由的意愿为所述目的签署了所述文件。  
2014 年, 04 月 14 日。

Bin Zhang  
Witness 1 / 目击者 1

Dale Wang  
Witness 2 / 目击者 2

Executed this 14 day of Apr, 2014

签署于 2014 年, 4 月 14 日。

Shuai ZAN  
Shuai ZAN

**Witness**

Personally appeared before me the above named Shuai ZAN to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his/her free act and deed this 14 day of Apr, 2014

**目击证明**

本人出现在我面前, 我证明他(她)

与前述文件中所述并签署前述文件的人为同一人, 且我证明他(她)以自己自由的意愿为所述目的签署了所述文件。

14 日 4 月, 2014 年。

Wei Wei  
Witness 1 / 目击者 1

Bin Zhang  
Witness 2 / 目击者 2