# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4043889

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
BIN HU	06/30/2014
BIN ZHONG	06/30/2014
TAO JI	06/30/2014

## **RECEIVING PARTY DATA**

Name:	WUXI APPTEC (SHANGHAI) CO., LTD.	
Street Address:	NO. 1 BUILDING, 266 FUTE ZHONG ROAD	
Internal Address:	WAIGAOQIAO FREE TRADE ZONE	
City:	SHANGHAI	
State/Country:	CHINA	
Postal Code:	200131	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15124635

## **CORRESPONDENCE DATA**

**Fax Number:** (732)594-4720

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.

**Phone:** 7325943809

Email: us\_efs@merck.com
Correspondent Name: CAROL S. QUAGLIATO

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ATTORNEY DOCKET NUMBER:	23715-US-PCT
NAME OF SUBMITTER:	KELLY A. PANNO
SIGNATURE:	/KELLY A. PANNO/
DATE SIGNED:	09/08/2016

## **Total Attachments: 7**

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PATENT 503997232 REEL: 039679 FRAME: 0753

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> PATENT REEL: 039679 FRAME: 0754

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:

# PIPERAZINE DERIVATIVES AS HIV PROTEASE INHIBITORS

located at

Shanghai, China

and/or in the following application(s):	且/或于下述申请:	
PCT International Application No. <u>PCT/CN2014/000227</u> filed on <u>March 10, 2014;</u>	申请日为的美国 临时专利申请号	
PCT International Application No having a filing date of; and	申请号申请日为的美国专利以及	
US Application Nohaving a filing date of	申请日为的 PCT 国际 申请号。	
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	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。	

(19) Xin-Jie CHU

**REEL: 039679 FRAME: 0755** 

Attorney Docket No.: 23715

WHEREAS, <u>WuXi AppTec (Shanghai) Co., Ltd.</u> a corporation organized under the laws of <u>China</u>, having an office at <u>No. 1 Building, 288 Fute Zhong Road</u>, <u>Waigaogiao Free Trade Zone, Shanghai 200131, China,</u> 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;

THEREFORE, for good and NOW. 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 aboveidentified 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 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 requisitefor procuring the same or for aiding therein.

鉴于,\_\_\_\_\_,依照\_\_\_\_\_的法律建立的公司,具有位于\_\_\_\_\_的办公地点, 以及其权利继受人,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 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 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益的申请的 全部权利、权力及利益; 以及对任何上述 维持及延期的全部权利、权力及利益, 受让人持有并享有所述权利、权利及利益 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 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 申请号及申请目的权利。

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。

**INVENTOR 1** 

Executed this  $\frac{\sqrt[3]{2}}{\sqrt[3]{2}}$  day of  $\frac{\sqrt[3]{2014}}{\sqrt[3]{2014}}$ .

签署于 20 <u>少</u>年,<u></u> 月,<u>沙</u>日。

Signature Bin HU

#### Witness 1

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 day of June 2014.

目击证明

本人出现在我面前,我证明他(她) 启 加 出 与前述文件中所述 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。 ラッ日、り 月、2014年。

Witness 1 / 目击者 1

Signature: Kramman Thao

Witness 2

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 \_\_\_\_\_\_ day of \_\_\_\_\_\_\_, 2014.

Witness 2 / 目击者 2

Signature: Michao Wang

目击证明

本人出现在我面前,我证明他(她) 片流 片似 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日, /。月,20 /少年。

Attorney Docket No.: 23715	律师案号:
INVENTOR 2  Executed this	
Witness 2 Personally appeared before me the above named <u>Bln ZHONG</u> 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 <u>70</u> day of <u>71440</u> , 2014.  Witness 2 / 目击者 2 Signature:	
INVENTOR 3  Executed this \( \sigma \) day of \( \frac{\omega_{\infty}}{\omega_{\infty}} \), \( \frac{2014}{\omega_{\infty}} \)  Signature \( \frac{\omega_{\infty}}{\omega_{\infty}} \)  Witness 1	签署于 20 <u>(※</u> 年, <u>∞</u> 月, <u>}</u> □日。 ———— 目击证明

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 \(\frac{1}{20}\) day of \(\int\_{\text{LM}}\) \(\frac{2014}{2014}\).

本人出现在我面前,我证明他(她) (本) 与前述文件中所述 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。

Witness 1 / 目击者 1

Signature: Bin The

## Witness 2

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 day of the total day

目击证明

本人出现在我面前,我证明他(她) (本) 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 日, 月,20 半年。

Witness 2 / 目击者 2

Signature: /ianyuan Th

**REEL: 039679 FRAME: 0759** 

Attorney Docket No.: 23715

## CONFIRMATORY ASSIGNMENT

WHEREAS,

WuXi AppTec (Shanghai) Co., Ltd. ("Assignor"), a Chinese corporation with offices at No. 1 Building, 288 Fute Zhong Road, Waigaoqiao Free Trade Zone, Shanghai 200131, People's Republic of China, under the terms of the Amendment No. 12 of Restated Full Time Equivalents Agreement For Services between Assignor and Merck Sharp & Dohme Corp., formerly known as Merck & Co., Inc., ("Assignee") with an effective date of May 1, 2014 ("Agreement") did assign to Assignee all of its rights in any and all inventions set forth and described in PCT International Patent Application No. PCT/CN2014/000227, filed on March 10, 2014 ("Inventions").

AND WHEREAS, to confirm the assignment, Assignor has agreed to execute and deliver this assignment;

NOW THEREFORE, in consideration of the good and valuable consideration provided under the Agreement, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby confirms that it has assigned to Assignee its entire right, title, interest, property and benefit in and to the Inventions and the associated patent application(s), including any and all rights relating thereto that may arise at law, all rights of action resulting from prior infringement or other unauthorized use thereof, any and all applications corresponding to the Inventions worldwide, whether in the form of divisions, continuations, re-examinations, re-issues and extensions thereof, any and all letters patent and like industrial property registrations that may issue, be granted or result from said corresponding applications for the Inventions worldwide (hereinafter referred to as the Patents), and any and all rights of priority exercisable in any jurisdiction resulting from the filing of the patent application(s) associated with Inventions, the said corresponding applications and any previously filed applications in respect of the Inventions under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as the same would have been held and enjoyed by Assignor had this assignment not been made;

AND ASSIGNOR, on behalf of itself and its successors, assigns, nominees, or other legal representatives, does hereby covenant and agree to perform all lawful acts and duties and to execute and deliver without further consideration such further lawful assignments, instruments, assurances, applications and other documents as may reasonably be required by said Assignee, or by its successors, assigns, nominees, or other legal representatives, to file patent application(s) associated with Inventions, obtain said Patents and vest or secure the same in Assignee, and in Assignee's successors, assigns, nominees or other legal representatives.

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AND ASSIGNOR does hereby authorize any official whose duty it is to grant patents or industrial property registrations, to grant said Patents to the Assignee, and to Assignee's successors, assigns, nominees or other legal representatives.

AND ASSIGNOR, on behalf of itself and its successors, assigns, nominees, or other legal representatives, does hereby authorize said Assignee, its successors, assigns, nominees or other legal representatives, including its patent agents, to amend the present assignment document to insert or correct the filing date, serial number or other identifying information of the associated patent application(s) and/or Patents as may be needed to record same.

IN WITNESS WHEREOF, Assignor has by its authorized signing officer executed this confirmatory assignment, and Assignee has by its authorized officer accepted this confirmatory assignment.

Assignor:	
Signature: Ohr hw	
Name: Tao GUO	
Title: <u>Authorized Signatory</u>	
Date:	_ <del>_</del>
Personally appeared before me the above named _	Tao G-UU to me known and known to me to
be the person who executed the foregoing instrume	ent and acknowledged said instrument to be his/her free
act and deed this 30th day of June, 201	<u>14</u> .
Witness one:	Witness two:
Witness one: Signature: Signature:	Signature:
Print Name: Lianing Thas	Print Name: Zhichao Wang
Date: June 30 2014	Date: June 30, 2014
Assignee: Signature:	
	·
Title: Managing Counsel, Patents	
Date:	
Personally appeared before me the above named [ me to be the person who executed the foregoing in	] to me known and known to astrument and acknowledged said instrument to be
his/her free act and deed this day of	, 20 <u>14.</u>
Witness 1:	Witness 2:
Signature:	Signature:
Print Name:	Print Name:
Date:	Date: