503070195 11/20/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3116798

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PENG LI	03/21/2014
XUANJIA PENG	03/21/2014
RICHARD SOLL	03/31/2014
HAO WU	03/21/2014

RECEIVING PARTY DATA

Name:	WUXI APPTEC CO., LTD.
Street Address:	1 BUILDING, 288 FUTE ZHONG ROAD, WAIGAOQIAO FREE TRADE ZONE
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	200131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14343448

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: 732-594-5312
Email: us efs@merck.com

Correspondent Name: MERCK SHARP & DOHME CORP.
Address Line 1: 126 EAST LINCOLN AVENUE

Address Line 4: RAHWAY, NEW JERSEY 07065-0907

ATTORNEY DOCKET NUMBER:	23112-US-PCT
NAME OF SUBMITTER:	HENRY P. WU
SIGNATURE:	/HENRY P. WU, REG. # 44,412/
DATE SIGNED:	11/20/2014

Total Attachments: 6

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PATENT 503070195 REEL: 034220 FRAME: 0661

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> PATENT REEL: 034220 FRAME: 0662

WORLDWIDE ASSIGNMENT

WHEREAS, IME.

(1) Peng Li, located at Shanghai, China, (2) Xuanjia Peng, located at Shanghai, China, (3) Richard Soll, located at San Diego, California, (4) Hao Wu. located at Shanghai, China,

(hereinafter ASSIGNOR(S)), together with Casey C. McComas, located at Phoenixville, Pennsylvania, Nigel J. Liverton, located at Harleysville, Pennsylvania, Joerg Habermann, located at Rome, Italy, Uwe Koch, located at Dortmund, Germany and Frank Narjes, located at Lomma, Sweden, Anandan Palani, located at Bridgewater, New Jersey, Xing Dai, located at Cranford, New Jersey, Hong Liu, located at Hillsborough, New Jersey, Shumen He, located at Edison, New Jersey, Zhong Lal, located at East Brunswick, New Jersey, Qun Dang, located at Westfield, New Jersey, Nicholas Zorn, located at Fanwood, New Jersey 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:

HETEROCYCLIC-SUBSTITUTED BENZOFURAN DERIVATES AND METHODS OF USE THEREOF FOR THE TREATMENT OF VIRAL DISEASES

and/or in the following application(s):

U.S. Provisional Application No.	filed on	;	
U.S. Application No.	having a filing date of	of	: and
PCT International Application No	s: PCT/CN2012/080214 havir	ng a filing date of	8/16/2012: and PCT
International Application Nos: PC	T/CN2011/079467 having a fr	iling date of 9/8/	2011.

WHEREAS IWE 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.

WHEREAS, WuXi AppTec Co., Ltd.., a corporation organized under the laws of People's Republic of China, having an office at No. 1 Building, 288 Fute Zhong Road, Waigaoqiao Free Trade Zone, Shanghai 200131, People's Republic of 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 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.

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.

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.

Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this day of , 20	014.
PENG LI	
ACKNOWLEDGEMENT	
State/Province of	ر
County of) s.s.:
On this day of, 20 known by me to be the same person described in an he (she) executed the same, of his (her) own free will	014, personally appeared before me Peng Li to me known, and d who executed the foregoing instrument, and acknowledged that ll for the purpose set forth.
	Witness 1's signature/
	[Print Witness 1's name]
	Witness 2's signature/
	[Print Witness 2's name]
Executed this day of , 20	14.
XUANJIA PENG	
ACKNOWLEDGEMENT	
State/Province of)
) s.s.:
County of)
On this day of , 20 and known by me to be the same person described ir that he (she) executed the same, of his (her) own free	114, personally appeared before me Xuanjia Peng to me known, and who executed the foregoing instrument, and acknowledged will for the purpose set forth.
	Witness 1's signature/ [Print Witness 1's name]
	[Witness 2's signature/ [Print Witness 2's name]

Page 2 of 3
Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

Executed this 31 day of March, 2014.	•
Richard M. Sou	
RICHARD SOLL	
ACKNOWLEDGEMENT	
State/Province of California USA	
County of San Diego s.s.:	
On this 3 day of Mark , 2014, p and known by me to be the same person described in and that he (she) executed the same, of his (her) own free will	ersonally appeared before me Richard Soll to me known, who executed the foregoing instrument, and acknowledged for the purpose set forth.
	Witness 1's signature/
	[Print Witness 1's name] Hui Can
	[Witness 2's signature/ [Print Witness 2's name]
	CLATE A. COSVEN
Executed this day of, 2014.	
HAO WU	
ACKNOWLEDGEMENT	
State/Province of)	
County of) s.s.:	
On this day of 2014 ne	ersonally anneared before me Han Will to me known, and
known by me to be the same person described in and who he (she) executed the same, of his (her) own free will for the	ersonally appeared before me Hao Wu to me known, and executed the foregoing instrument, and acknowledged that be purpose set forth.
	Witness 11s signature/
	Witness 1's signature/ [Print Witness 1's name]
	[Witness 2's signature/
	[Print Witness 2's name]

Page 3 of 3 Computer Generated Template "Assignment-Blank Multiple Assignees Worldwide" (Assignment) Merck Sharp & Dohme Corp. 11/04/2010

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE.

(1) Peng Li, located at Shanghai, China, (2) Xuanjia Peng, located at Shanghai, China, (3) Richard Soll, located at San Diego, California, (4) Hao Wu, located at Shanghai, China,

(hereinafter ASSIGNOR(S)), together with Casey C. McComas, located at Phoenixville, Pennsylvania, Nigel J. Liverton, located at Harleysville, Pennsylvania, Joerg Habermann, located at Rome, Italy, Uwe Koch, located at Dortmund, Germany and Frank Narjes, located at Lomma, Sweden, Anandan Palani, located at Bridgewater, New Jersey, Xing Dai, located at Cranford, New Jersey, Hong Liu, located at Hillsborough, New Jersey, Shumen He, located at Edison, New Jersey, Zhong Lai, located at East Brunswick, New Jersey, Qun Dang, located at Westfield, New Jersey, Nicholas Zorn, located at Fanwood, New Jersey are the inventors of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following

HETEROCYCLIC-SUBSTITUTED BENZOFURAN DERIVATES AND METHODS OF USE THEREOF FOR THE TREATMENT OF VIRAL DISEASES and/or in the following application(s):

U.S. Provisional Application No. U.S. Application No. PCT International Application Nos: PCT/CN International Application Nos: PCT/CN2011	filed on having a filing date of 12012/080214 having /079467 having a fili	Oli Pul	2<u>012</u>; and PCT
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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.

WHEREAS, WuXi AppTec Co., Ltd.., a corporation organized under the laws of People's Republic of China, having an office at No. 1 Building, 288 Fute Zhong Road, Waigaoqlao Free Trade Zone, Shanghai 200131, People's Republic of 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

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 requisite for procuring the same or for aiding therein.

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.

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.

> **PATENT REEL: 034220 FRAME: 0666**

Executed this 2 day of, 2014.	
Peng Li PENG LI	
PENG LI	
ACKNOWLEDGEMENT	
State/Province of <u>Shanghai</u> County of <u>China</u>)s.s.	
County of	<u>:</u>
On this 4 day of March	personally appeared before me Peng Li to me known, and
known by me to be the same person described in and who he (she) executed the same, of his (her) own free will for the	personally appeared before me Peng Li to me known, and executed the foregoing instrument, and acknowledged that he purpose set forth
to this (ner) own free will for the	1 - F
	Witness 1's signature/ HAO WU [Print Witness 1's name]
	[Print Witness 1's name]
	[Witness 2's signature]
	[Witness 2's signature/ Jin Ling Ling Ling Ling Ling Ling Ling Li
	JINGLAL LL
Executed this 2 day of, 2014.	
Xnanjia Peng	
XUANJIA PENG	
ACKNOWLEDGEMENT	
State/Province of Shanghai	
County of China)s.s.:	
On this 21 day of March 2014 non	sonally appeared before me Xuanjia Peng to me known,
and known by me to be the same person described in and withat he (she) executed the same, of his (her) own free will for	ho executed the foregoing instrument, and acknowledged
	Parposs sectional.
į	Nitness 1's signature/ Lianjuan Slav Print Witness 1's name] LIAN JUAN ZHAO
<u></u>	Witness 2's signature/ Ji x9 7/m / Print Witness 2's name)
_	Witness 2's signature/ Ji x9 7 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Page 2 of 3

Executed this day of, 2014.	
RICHARD SOLL	
ACKNOWLEDGEMENT	
State/Province of	
County ofs.	s.:
On this day of , 2014, and known by me to be the same person described in an that he (she) executed the same, of his (her) own free wi	personally appeared before me Richard Soll to me known, d who executed the foregoing instrument, and acknowledged ll for the purpose set forth.
	Witness 1's signature/
	Witness 1's signature/ [Print Witness 1's name]
	[Witness 2's signature/
	[Print Witness 2's name]
Executed this 21 day of MoV., 2014. Hao WU	
ACKNOWLEDGEMENT State/Province of Shanghai County of ha s.s.	
On this 1 day of 0, 2014, p known by me to be the same person described in and who he (she) executed the same, of his (her) own free will for the	ersonally appeared before me Hao Wu to me known, and executed the foregoing instrument, and acknowledged that ne purpose set forth.
	Witness 1's signature/ Peng Li [Print Witness 1's name] PENG LI
	Witness 2's signature/ Jinghi Li [Print Witness 2's name] JINCTZHI LI

Page 3 of 3

RECORDED: 11/20/2014

PATENT REEL: 034220 FRAME: 0668