503765222 04/01/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3811869

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------------|----------------|
| SHANGHAI CHEMPARTNER CO. LTD. | 06/10/2015 |

RECEIVING PARTY DATA

| Name: | MERCK SHARP & DOHME CORP. |
|-----------------|---------------------------|
| Street Address: | 126 EAST LINCOLN AVENUE |
| City: | RAHWAY |
| State/Country: | NEW JERSEY |
| Postal Code: | 07065 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14421052 |

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: 732-594-1404

Email: virginia.finno-sorrentino@merck.com

Correspondent Name: MERCK

Address Line 1: 126 EAST LINCOLN AVENUE

Address Line 2: RY86-2011A

Address Line 4: RAHWAY, NEW JERSEY 07065

| ATTORNEY DOCKET NUMBER: | 23287 |
|-------------------------|--------------------------------|
| NAME OF SUBMITTER: | VIRGINIA M. FINNO-SORRENTINO |
| SIGNATURE: | /VIRGINIA M. FINNO-SORRENTINO/ |
| DATE SIGNED: | 04/01/2016 |

Total Attachments: 3

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PATENT 503765222 REEL: 038171 FRAME: 0429

CONFIRMATORY ASSIGNMENT

WHEREAS,

SHANGHAI CHEMPARTNER CO. LTD., formerly known as ShangPharma Corporation, ("Assignor"), a CHINESE corporation with offices at NO. 5 BUILDING, 998 HALEI ROAD, ZHANGJIANG HI-TECH PARK, PUDONG NEW AREA, SHANGHAI, CHINA 201203, under the terms of the Master 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 June 1, 2009, as amended by that certain Amendment No. 1 dated April 1, 2012 and as amended by that certain Amendment No. 2 dated May 1, 2012 and as amended by that certained Amendment No. 3 dated July 1, 2012 and as amended by that certain Amendment No. 4 dated August 1, 2012 (the "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/US2013/054893, filed on AUGUST 14. 2013 ("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,

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Attorney Docket No.: 23287

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.

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: | SHANGHAI CHEMPARTNER | R CO. LTD. | • |
|----------------------------------|---|---------------------------------------|------------------------------|
| Signature: | M | | |
| Name: | Vichael Hui | | |
| Title: | 70 | | |
| Date: <u>Ju</u> | re 10 2015 | | |
| | | | 4 |
| to me known ar acknowledged : | eared before me the above nand known to me to be the persaid instrument to be his/herall day of | son who executed free act and deed | the foregoing instrument and |
| Witness one: | 1 | Witness | two: |
| Signature: | di Om | Signature: | & Apotomoby |
| Print Name: | Jin Qin | Print Name: | Christing Liu |
| Date: <u>Ju</u> | e 10, 2015 | Date: | June 10, 200 |
| | | | |

| Assignee: | |
|----------------------------|---|
| ろうれ Executed this 394th | day of March, 2016. |
| Signature: | Jahr- |
| PRINTED NAME | : JOHN C. TODARO |
| PRINTED TITLE: | MANAGING COUNSEL, PATENTS |
| | |
| ACKNOWLEDGI | EMENT |
| STATE OF | NEW JERSEY) |
| COUNTY OF | UNION) |
| | |
| to me known, and | h day of March, 2016, personally appeared before me JOHN C. TODARO known by me to be the same person described in and who executed the ent, and acknowledged that he/she executed the same, of his/her own free will forth. |
| (SEAL) | |

CHRISTINE M. KANELLIDIS Notary Public of New Jersey LD: # 2442057 Commission Expires January 9, 2019

NOTARY SIGNATURE

NOTARY PUBLIC (Printed Name) MY COMMISSION EXPIRES: