

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6356531

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|---|----------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT             |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                 |
| <b>CONVEYING PARTY DATA</b>   |                            |
| <b>Name</b>   | <b>Execution Date</b>      |
| KEVIN M. MALONEY  | 10/03/2018                 |
| KALLOL BASU   | 10/03/2018                 |
| JOHN Y.L. CHUNG   | 10/03/2018                 |
| RICHARD DESMOND   | 10/03/2018                 |
| MICHAEL JAMES DI MASO   | 10/03/2018                 |
| GUY R. HUMPHREY   | 10/03/2018                 |
| ALFRED Y. LEE   | 10/03/2018                 |
| DAN LEHNHERR  | 10/03/2018                 |
| FENG PENG   | 10/03/2018                 |
| HONG REN  | 10/03/2018                 |
| MARK WEISEL   | 10/03/2018                 |
| SIWEI ZHANG   | 10/03/2018                 |
| <b>RECEIVING PARTY DATA</b>   |                            |
| <b>Name:</b>  | MERCK SHARP & DOHME CORP.  |
| <b>Street Address:</b>  | 126 EAST LINCOLN AVENUE    |
| <b>Internal Address:</b>  | RY862011A                  |
| <b>City:</b>  | RAHWAY                     |
| <b>State/Country:</b>   | NEW JERSEY                 |
| <b>Postal Code:</b>   | 07065                      |
| <b>PROPERTY NUMBERS Total: 1</b>  |                            |
| <b>Property Type</b>  | <b>Number</b>              |
| <b>Application Number:</b>  | 17048833                   |
| <b>CORRESPONDENCE DATA</b>  |                            |
| <b>Fax Number:</b>  |                            |
| <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>   | 732-594-4488               |
| <b>Email:</b>   | US-DOCKET-PATENT@merck.com |
| <b>Correspondent Name:</b>  | MERCK                      |
| <b>Address Line 1:</b>  | P O BOX 2000               |

PATENT

|   |                       |
|---|-----------------------|
| <b>Address Line 4:</b> RAHWAY, NEW JERSEY 07065-0907  |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 24587USPCT-MSD        |
| <b>NAME OF SUBMITTER:</b>   | CHRISTINE KANELIDIS   |
| <b>SIGNATURE:</b>   | /CHRISTINE KANELIDIS/ |
| <b>DATE SIGNED:</b>   | 10/19/2020            |
| <b>Total Attachments: 8</b><br>source=24587-MRKASSIGN #page1.tif<br>source=24587-MRKASSIGN #page2.tif<br>source=24587-MRKASSIGN #page3.tif<br>source=24587-MRKASSIGN #page4.tif<br>source=24587-MRKASSIGN #page5.tif<br>source=24587-MRKASSIGN #page6.tif<br>source=24587-MRKASSIGN #page7.tif<br>source=24587-MRKASSIGN #page8.tif |                       |

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- |  |  |
|--|--|
| (1) Kevin M. Maloney, located at Metuchen, NJ      | (7) Alfred Y. Lee, located at Robbinsville, NJ |
| (2) Kallol Basu, located at Hillsborough, NJ       | (8) Dan Lehnherr, located at Garwood, NJ       |
| (3) John Y. L. Chung, located at Edison, NJ        | (9) Feng Peng, located at Dayton, NJ           |
| (4) Richard Desmond, located at Lebanon, NJ        | (10) Hong Ren, located at Green Brook, NJ      |
| (5) Michael James Di Maso, located at Hamilton, NJ | (11) Mark Weisel, located at Stewartville, NJ  |
| (6) Guy R. Humphrey, located at Hillsborough, NJ   | (12) Siwei Zhang, located at Westfield, NJ     |

(hereinafter ASSIGNOR(S)), together with Patrick Larpent, located at Luzern, Switzerland, is the inventor of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

NOVEL PROCESS FOR SYNTHESIS OF A PHENOXY DIAMINOPYRIMIDINE COMPOUND

and in the following application(s):

U.S. Provisional Application No. 62/661,362 filed on 4/23/2018

U.S. Provisional Application No. 62/662,991 filed on 4/26/2018;

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

PCT International Application No. \_\_\_\_\_ having a filing date of \_\_\_\_\_.

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.

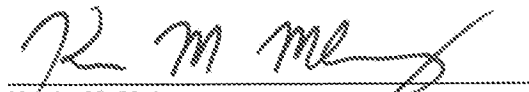
WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title 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.

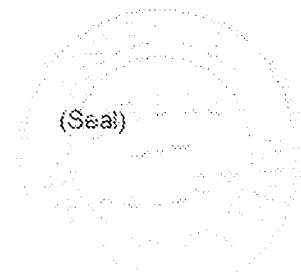
This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this 3rd day of October, 2018.  
Kevin M. Maloney

## ACKNOWLEDGEMENT

State of New Jersey )  
 ) s.s.:  
County of Union )

On this 3rd day of October, 2018, personally appeared before me Kevin M. Maloney to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

  
Notary Public

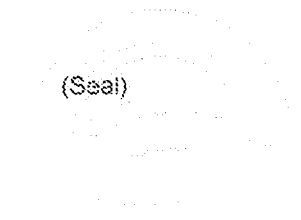
PAMELA S. SPALDING  
Notary Public, State of New Jersey  
My Commission Expires  
January 06, 2019

Executed this 3rd day of October, 2018.  
Kallol Basu

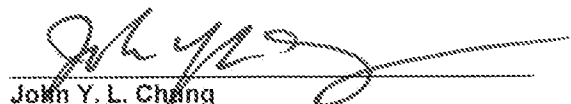
## ACKNOWLEDGEMENT

State of New Jersey )  
 ) s.s.:  
County of Union )

On this 3rd day of October, 2018, personally appeared before me Kallol Basu to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

  
Notary Public

PAMELA S. SPALDING  
Notary Public, State of New Jersey  
My Commission Expires  
January 06, 2019

Executed this 3rd day of October, 2018.  
John Y. L. Chung

## ACKNOWLEDGEMENT

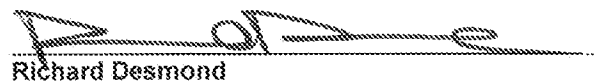
State of New Jersey )  
 ) s.s.:  
County of Union )

On this 3rd day of October, 2018, personally appeared before me John Y. L. Chung to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

  
Notary Public

PAMELA S. SPALDING  
Notary Public, State of New Jersey  
My Commission Expires  
January 06, 2019

Executed this 3rd day of October, 2018.  
Richard Desmond

## ACKNOWLEDGEMENT

State of New Jersey )  
 ) s.s.:  
County of Union )

On this 3rd day of October, 2018, personally appeared before me Richard Desmond to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

  
Notary Public


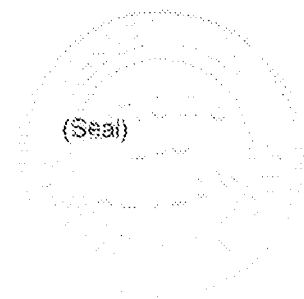
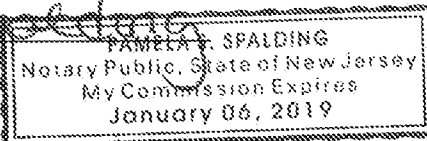

PAMELA S. SPALDING  
Notary Public, State of New Jersey  
My Commission Expires  
January 06, 2019

Executed this 3rd day of October, 2018.  
Michael James DiMaso

## ACKNOWLEDGEMENT

State of New Jersey )  
 ) s.s.:  
County of Union )

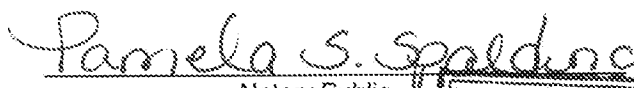
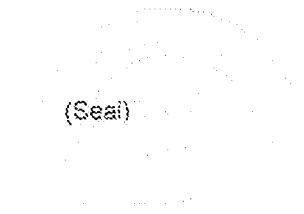
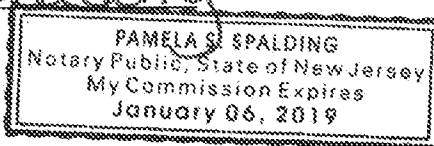
On this 3rd day of October, 2018, personally appeared before me **Michael James DiMaso** to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

  
Notary Public  
Executed this 3rd day of October, 2018.  
Guy R. Humphrey


## ACKNOWLEDGEMENT

State of New Jersey )  
 ) s.s.:  
County of Union )

On this 3rd day of October, 2018, personally appeared before me **Guy R. Humphrey** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

  
Notary Public  


Executed this 3rd day of October, 2018.

  
Alfred Y. Lee

**ACKNOWLEDGEMENT**

State of New Jersey     )  
  ) s.s.:  
County of Union         )

On this 3rd day of October, 2018, personally appeared before me Alfred Y. Lee to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

  
Notary Public

PAMELA S. SPALDING  
Notary Public, State of New Jersey  
My Commission Expires  
January 06, 2019

Executed this 3rd day of October, 2018.

  
Dan Lehnerr

**ACKNOWLEDGEMENT**

State of New Jersey     )  
  ) s.s.:  
County of Union         )


On this 3rd day of October, 2018, personally appeared before me Dan Lehnerr to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

  
Notary Public

PAMELA S. SPALDING  
Notary Public, State of New Jersey  
My Commission Expires  
January 06, 2019

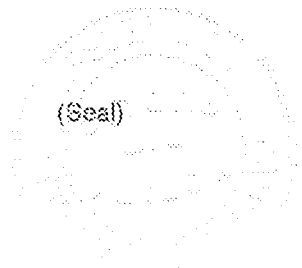
Executed this 3<sup>rd</sup> day of Oct., 2018.

  
Feng Peng

## ACKNOWLEDGEMENT

State of New Jersey       )  
                                      ) s.s.:  
County of Union         )

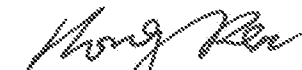
On this 3<sup>rd</sup> day of October, 2018, personally appeared before me Feng Peng to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.



  
Notary Public

PAMELA S. SPALDING  
Notary Public, State of New Jersey  
My Commission Expires  
January 06, 2019

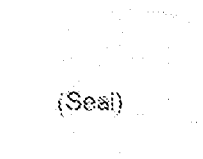
Executed this 3<sup>rd</sup> day of October, 2018.

  
Hong Ren

## ACKNOWLEDGEMENT

State of New Jersey       )  
                                      ) s.s.:  
County of Union         )

On this 3<sup>rd</sup> day of October, 2018, personally appeared before me Hong Ren to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.



  
Notary Public

PAMELA S. SPALDING  
Notary Public, State of New Jersey  
My Commission Expires  
January 06, 2019



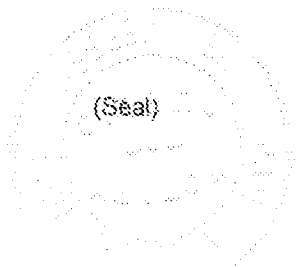
Executed this 3rd day of October, 2018.

Mark Weisel  
Mark Weisel

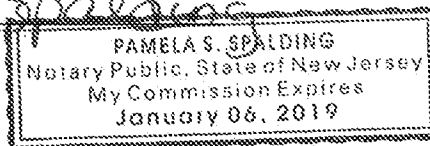
## ACKNOWLEDGEMENT

State of New Jersey       )  
  ) s.s.:  
County of Union            )

On this 3rd day of October, 2018, personally appeared before me **Mark Weisel** to me known, and known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.



Pamela S. Spalding  
Notary Public

Executed this 3rd day of October, 2018.

Siwei Zhang  
Siwei Zhang

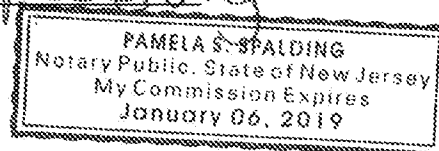
## ACKNOWLEDGEMENT

State of New Jersey       )  
  ) s.s.:  
County of Union            )

On this 3rd day of October, 2018, personally appeared before me **Siwei Zhang** to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.



Pamela S. Spalding  
Notary Public



Accepted and agreed to by ASSIGNEE Merck Sharp & Dohme Corp.

Signature: Catherine D. Fitch

Name: Catherine D. Fitch

Title: Managing Counsel, Patents

Date: October 3, 2018

#### ACKNOWLEDGEMENT

State of New Jersey )

) s.s.:

County of Union )

On this 3rd day of October, 2018, personally appeared before me Catherine D. Fitch to me known, and known by me to be the same person(s) described in and who executed the foregoing instrument, and acknowledged that he (she) executed the same, of his (her) own free will for the purpose set forth.

(Seal)

Karen Ann Torkildsen  
Notary Public

KAREN ANN TORKILDSEN  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires October 22, 2018