

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4719340

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ASHLEY FORSTER	05/31/2016
LEHUA CHANG	06/01/2016
GREGORI J. MORRIELLO	05/31/2016
YILI CHEN	05/31/2016
MICHAEL P. DWYER	05/31/2016
ZACK ZHIQIANG GUO	05/31/2016
MING WANG	05/31/2016
RECEIVING PARTY DATA	
Name:	MERCK SHARP & DOHME CORP.
Street Address:	126 EAST LINCOLN AVENUE
Internal Address:	RY862011A
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15579878
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	732-594-4909
Email:	christine.kanellidis@merck.com
Correspondent Name:	MERCK
Address Line 1:	P O BOX 2000
Address Line 4:	RAHWAY, NEW JERSEY 07065-0907
ATTORNEY DOCKET NUMBER:	24134-MSD
NAME OF SUBMITTER:	CHRISTINE KANELLIDIS
SIGNATURE:	/christine kanellidis/

DATE SIGNED:	12/05/2017
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Total Attachments: 6

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WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Gregori J. Morriello, located at Randolph, NJ,
- (2) Lehua Chang, located at Ramsey, NJ,
- (3) Ashley Forster, located at Harleysville, PA,
- (4) Yili Chen, located at Hillsborough, NJ,
- (5) Michael P. Dwyer, located at Scotch Plains, NJ,
- (6) Zack Zhiqiang Guo, located at Morganville, NJ
- (7) Ming Wang, located at Belle Mead, NJ

(hereinafter ASSIGNOR(S)), together with Shimin Xu, located at Beijing, China,
Yingjian Bo, located at Beijing, China, Jianmin Fu, located at Beijing China, and 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:

SUBSTITUTED TRIAZOLO BICYCLIC COMPOUNDS AS PDE2 INHIBITORS

and in the following application(s):

U.S. Provisional Application No. _____ filed on _____ ;
U.S. Application No. _____ having a filing date of _____ ; and
PCT International Application No. PCT/CN15/083060 having a filing date of July 1, 2015.

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 ____ day of _____, 2016.

Gregori J. Morriello

Lehua Chang

Yili Chen

Michael P. Dwyer

Zack Zhiqiang Guo

Ming Wang

ACKNOWLEDGEMENT

_____ of _____)
County of _____) s.s.:

On this ____ day of _____, 2016, personally appeared before me **Gregori J. Morriello, Lehua Chang, Yili Chen, Michael P. Dwyer, Zack Zhiqiang Guo, Ming Wang** 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

Executed this 31 day of May, 2016.

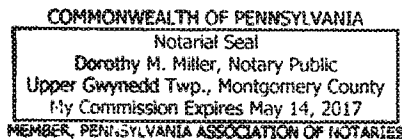
Ashley Forster
Ashley Forster

ACKNOWLEDGEMENT

COMMONWEALTH of PENNSYLVANIA)
County of MONTGOMERY) s.s.:

On this 31 day of May, 2016, personally appeared before me **Ashley Forster** 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)



Dorothy M. Miller
Notary Public

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Gregori J. Morriello, located at Randolph, NJ,
- (2) Lehua Chang, located at Ramsey, NJ,
- (3) Ashley Forster, located at Boyertown, PA,
- (4) Yili Chen, located at Hillsborough, NJ,
- (5) Michael P. Dwyer, located at Scotch Plains, NJ,
- (6) Zack Zhiqiang Guo, located at Morganville, NJ
- (7) Ming Wang, located at Belle Mead, NJ

(hereinafter ASSIGNOR(S)), together with Shimin Xu, located at Beijing, China, Yingjian Bo, located at Beijing, China, Jianmin Fu, located at Beijing China, and 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:

SUBSTITUTED TRIAZOLO BICYCLIC COMPOUNDS AS PDE2 INHIBITORS

and in the following application(s):

U.S. Provisional Application No. _____ filed on _____ ;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. PCT/CN15/083060 having a filing date of July 1, 2015.

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 1st day of June, 2016.

Gregori J. Merriello

Lehua Chang

Yili Chen

Michael P. Dwyer

Zack Zhiqiang Guo

Ming Wang

ACKNOWLEDGEMENT

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

On this 1st day of JUNE, 2016, personally appeared before me ~~Gregori J. Merriello, Lehua Chang, Yili Chen, Michael P. Dwyer, Zack Zhiqiang Guo, Ming Wang~~ 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)

Christine M. Kanellidis
Notary Public

Executed this _____ day of _____, 2016.

CHRISTINE M. KANELIDIS
Notary Public of New Jersey
I.D. # 2442057
Commission Expires January 9, 2019

Ashley Forster

ACKNOWLEDGEMENT

COMMONWEALTH of PENNSYLVANIA)
County of MONTGOMERY) s.s.:
)

On this _____ day of _____, 2016, personally appeared before me Ashley Forster 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

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Gregori J. Morriello, located at Randolph, NJ,
- (2) Lehua Chang, located at Ramsey, NJ,
- (3) Ashley Forster, located at Harleysville, PA,
- (4) Yili Chen, located at Hillsborough, NJ,
- (5) Michael P. Dwyer, located at Scotch Plains, NJ,
- (6) Zack Zhiqiang Guo, located at Morganville, NJ
- (7) Ming Wang, located at Belle Mead, NJ

(hereinafter ASSIGNOR(S)), together with Shimin Xu, located at Beijing, China, Yingjian Bo, located at Beijing, China, Jianmin Fu, located at Beijing, China, and 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:

SUBSTITUTED TRIAZOLO BICYCLIC COMPOUNDS AS PDE2 INHIBITORS

and in the following application(s):

U.S. Provisional Application No. _____ filed on _____ ;
U.S. Application No. _____ having a filing date of _____; and
PCT International Application No. PCT/CN15/083060 having a filing date of July 1, 2015.

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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 31st day of May, 2016.

[Signature]
Gregori J. Morriello

Lehua Chang

[Signature]
Yili Chen

[Signature]
Michael P. Dwyer

[Signature]
Zack Zhiqiang Guo

[Signature]
Ming Wang

ACKNOWLEDGEMENT

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

On this 31st day of May, 2016, personally appeared before me Gregori J. Morriello, ~~Lehua Chang~~, Yili Chen, Michael P. Dwyer, Zack Zhiqiang Guo, Ming Wang 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)

[Signature]
Notary Public

CHRISTINE M. KANELLODIS
Notary Public of New Jersey
I.D. # 2442057
Commission Expires January 9, 2019

Executed this ____ day of _____, 2016.

Ashley Forster

ACKNOWLEDGEMENT

COMMONWEALTH of PENNSYLVANIA) s.s.:
County of MONTGOMERY)

On this ____ day of _____, 2016, personally appeared before me Ashley Forster 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