

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5730215

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SACHIN MITTAL	02/19/2018
IRINA KAZAKEVICH	02/19/2018
HIMANSHU BHATTACHARJEE	02/19/2018
LUKE SCHENCK	02/16/2018
DAVID J. GOLDFARB	02/16/2018
AMITAVA MITRA	02/10/2018
DONNA CARROLL	02/22/2018
NAZIA KHAWAJA	02/13/2018
RECEIVING PARTY DATA	
Name:	MERCK SHARP & DOHME CORP.
Street Address:	126 EAST LINCOLN AVENUE
Internal Address:	RY86-2011A
City:	RAHWAY
State/Country:	NEW JERSEY
Postal Code:	07065
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16496182
CORRESPONDENCE DATA	
Fax Number:	(732)594-4720
<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>	
Email:	us_efs@merck.com
Correspondent Name:	MERCK SHARP & DOHME CORP
Address Line 1:	126 EAST LINCOLN AVENUE
Address Line 2:	RY86-2011A
Address Line 4:	RAHWAY, UNITED STATES 07065
ATTORNEY DOCKET NUMBER:	24434-US-PCT
NAME OF SUBMITTER:	MICHELLE A. SISCO

SIGNATURE:	/Michelle A. Sisko/
DATE SIGNED:	09/20/2019
Total Attachments: 25 source=24434USPCT-ASSIGN-MSD#page1.tif source=24434USPCT-ASSIGN-MSD#page2.tif source=24434USPCT-ASSIGN-MSD#page3.tif source=24434USPCT-ASSIGN-MSD#page4.tif source=24434USPCT-ASSIGN-MSD#page5.tif source=24434USPCT-ASSIGN-MSD#page6.tif source=24434USPCT-ASSIGN-MSD#page7.tif source=24434USPCT-ASSIGN-MSD#page8.tif source=24434USPCT-ASSIGN-MSD#page9.tif source=24434USPCT-ASSIGN-MSD#page10.tif source=24434USPCT-ASSIGN-MSD#page11.tif source=24434USPCT-ASSIGN-MSD#page12.tif source=24434USPCT-ASSIGN-MSD#page13.tif source=24434USPCT-ASSIGN-MSD#page14.tif source=24434USPCT-ASSIGN-MSD#page15.tif source=24434USPCT-ASSIGN-MSD#page16.tif source=24434USPCT-ASSIGN-MSD#page17.tif source=24434USPCT-ASSIGN-MSD#page18.tif source=24434USPCT-ASSIGN-MSD#page19.tif source=24434USPCT-ASSIGN-MSD#page20.tif source=24434USPCT-ASSIGN-MSD#page21.tif source=24434USPCT-ASSIGN-MSD#page22.tif source=24434USPCT-ASSIGN-MSD#page23.tif source=24434USPCT-ASSIGN-MSD#page24.tif source=24434USPCT-ASSIGN-MSD#page25.tif	

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Sachin Mittal, located at Bridgewater, New Jersey, 08807, USA,
(2) Irina Kazakevich, located at Rockaway, New Jersey, 07866, USA,
(3) Himanshu Bhattacharjee, located at Princeton, New Jersey, 08540, USA,
(4) Luke Schenck, located at Yardley, Pennsylvania, 19067, USA,
(5) David J. Goldfarb, located at Highland Park, New Jersey, 08904, USA,
(6) Amitava Mitra, located at Princeton, New Jersey, 08540, USA,
(7) Donna Carroll, located at Garwood, New Jersey, 07027, USA, and
(8) Nazia Khawaja, located at Morris Plains, New Jersey, 08601, USA.
(hereinafter ASSIGNOR(S)), together with

- (9) Peter Bakker, located at Zeist, NETHERLANDS.

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:

FORMULATION FOR PARENTERAL ADMINISTRATION

and in the following application(s):

U.S. Provisional Application No. 62/476,034 filed on March 24, 2017;
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.

Attorney Docket No.: 24434

Executed this _____ day of _____, 20____.

Sachin Mittal

ACKNOWLEDGEMENT

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

On this _____ day of _____, 20____, personally appeared before me, Sachin Mittal, 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 19th day of February, 2018

Irina Kazakevich

ACKNOWLEDGEMENT

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

On this 19th day of February, 2018, personally appeared before me, Irina Kazakevich, 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)

Christine M. Kanellidis
Notary Public


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


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

Executed this ____ day of _____, 20__.

Himanshu Bhattacharjee**ACKNOWLEDGEMENT**STATE of _____)
County of _____) s.s.:

On this ____ day of _____, 20__, personally appeared before me, Himanshu Bhattacharjee, 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.

WITNESS 1	
Signature 	
Name	_____ Print Name Here

WITNESS 2	
Signature 	
Name	_____ Print Name Here

Executed this 16th day of February, 2018

Luke Schenck
Luke Schenck

ACKNOWLEDGEMENT

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

On this 16th day of February, 2018, personally appeared before me Luke Schenck 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)

Christine M. Kanellidis
Notary Public

Executed this 16th day of February, 2018

David Goldfarb
David Goldfarb

ACKNOWLEDGEMENT

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

On this 16th day of February, 2018, personally appeared before me David J. Goldfarb 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)

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

Christine M. Kanellidis
Notary Public

Executed this _____ day of _____, 20____

Amitava Mitra
Amitava Mitra

ACKNOWLEDGEMENT

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

On this _____ day of _____, 20____, personally appeared before me Amitava Mitra 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

Executed this ____ day of _____, 20____.

Donna Carroll**ACKNOWLEDGEMENT**_____) of _____)
County of _____) s.s.:
_____)

On this ____ day of _____, 20____, personally appeared before me Donna Carroll 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 PublicExecuted this 13 day of Feb, 2018Nazia Khawaja

Nazia Khawaja**ACKNOWLEDGEMENT**State of New Jersey
County of Union) s.s.:
_____)

On this 13th day of February, 2018, personally appeared before me Nazia Khawaja 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)

Christine M. Kanellidis

Notary Public

CHRISTINE M. KANELIDIS
Notary Public of New Jersey
C.O. # 2442057
Commission Expires January 8, 2019

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- (1) Sachin Mittal, located at Bridgewater, New Jersey, 08807, USA,
 - (2) Irina Kazakevich, located at Rockaway, New Jersey, 07866, USA,
 - (3) Himanshu Bhattacharjee, located at Princeton, New Jersey, 08540, USA,
 - (4) Luke Schenck, located at Yardley, Pennsylvania, 19067, USA,
 - (5) David J. Goldfarb, located at Highland Park, New Jersey, 08904, USA,
 - (6) Amitava Mitra, located at West Chester, Pennsylvania 19382, USA,
 - (7) Donna Carroll, located at Garwood, New Jersey, 07027, USA, and
 - (8) Nazia N. Khawaja, located at Morris Plains, New Jersey, 07950, USA.
- (hereinafter ASSIGNOR(S)), together with

- (9) Peter Bakker, located at Nijmegen, the NETHERLANDS,

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:

FORMULATION FOR PARENTERAL ADMINISTRATION

and in the following application(s):

U.S. Provisional Application No. 62/476,034 filed on March 24, 2017;
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.

Attorney Docket No.: 24434

Executed this ____ day of _____, 20__.

Sachin Mittal

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me, Sachin Mittal, 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 ____ day of _____, 20__.

Irina Kazakevich

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me, Irina Kazakevich, 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

Attorney Docket No.: 24434

Executed this ____ day of _____, 20__.

Himanshu Bhattacharjee

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me, Himanshu Bhattacharjee, 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

Executed this ____ day of _____, 20__.

Luke Schenck

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Luke Schenck 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

Attorney Docket No.: 24434

Executed this ____ day of _____, 20__.

David J. Goldfarb

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me David J. Goldfarb 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

Executed this ____ day of _____, 20__.

Amitava Mitra

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Amitava Mitra 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

Executed this 22 day of February, 2018.


Donna Carroll

ACKNOWLEDGEMENT

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

On this 22 day of February, 2018, personally appeared before me Donna Carroll 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

MATTHEW KREILEIN
NOTARY PUBLIC OF NEW JERSEY
Comm. # 50057950
My Commission Expires 3/31/2022

Executed this ____ day of _____, 20__.

Nazia N. Khawaja

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Nazia N. Khawaja 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) Sachin Mittal, located at Bridgewater, New Jersey, 08807, USA,
 - (2) Irina Kazakevich, located at Rockaway, New Jersey, 07866, USA,
 - (3) Himanshu Bhattacharjee, located at Princeton, New Jersey, 08540, USA,
 - (4) Luke Schenck, located at Yardley, Pennsylvania, 19067, USA,
 - (5) David J. Goldfarb, located at Highland Park, New Jersey, 08904, USA,
 - (6) Amitava Mitra, located at West Chester, Pennsylvania 19382, USA,
 - (7) Donna Carroll, located at Garwood, New Jersey, 07027, USA, and
 - (8) Nazia N. Khawaja, located at Morris Plains, New Jersey, 07950, USA.
- (hereinafter ASSIGNOR(S)), together with

- (9) Peter Bakker, located at Nijmegen, the NETHERLANDS.

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:

FORMULATION FOR PARENTERAL ADMINISTRATION

and in the following application(s):

U.S. Provisional Application No. 62/476,034 filed on March 24, 2017;
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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.

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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.

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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.

Attorney Docket No.: 24434

Executed this ____ day of _____, 20__.

Sachin Mittal

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me, **Sachin Mittal**, 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 ____ day of _____, 20__.

Irina Kazakevich

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me, **Irina Kazakevich**, 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

Attorney Docket No.: 24434

Executed this ____ day of _____, 20__.

Himanshu Bhattacharjee

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me, Himanshu Bhattacharjee, 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

Executed this ____ day of _____, 20__.

Luke Schenck

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Luke Schenck 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

Attorney Docket No.: 24434

Executed this ____ day of _____, 20__.

David J. Goldfarb

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me David J. Goldfarb 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

Executed this 10th day of FEBRUARY, 2018.

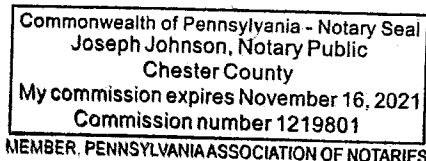
Amitava Mitra
Amitava Mitra

ACKNOWLEDGEMENT

STATE of PENNSYLVANIA)
County of CHESTER) s.s.:
_____)

On this 10th day of FEBRUARY, 2018, personally appeared before me Amitava Mitra 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)



Joseph Johnson
Notary Public

Executed this ____ day of _____, 20__.

Donna Carroll

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me **Donna Carroll** 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

Executed this ____ day of _____, 20__.

Nazia N. Khawaja

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me **Nazia N. Khawaja** 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) <u>Sachin Mittal,</u> | located at <u>Bridgewater, New Jersey, 08807, USA,</u> |
| (2) <u>Irina Kazakevich,</u> | located at <u>Rockaway, New Jersey, 07866, USA,</u> |
| (3) <u>Himanshu Bhattacharjee,</u> | located at <u>Princeton, New Jersey, 08540, USA,</u> |
| (4) <u>Luke Schenck,</u> | located at <u>Yardley, Pennsylvania, 19067, USA,</u> |
| (5) <u>David J. Goldfarb</u> | located at <u>Highland Park, New Jersey, 08904, USA,</u> |
| (6) <u>Amitava Mitra,</u> | located at <u>Princeton, New Jersey, 08540, USA,</u> |
| (7) <u>Donna Carroll,</u> | located at <u>Garwood, New Jersey, 07027, USA, and</u> |
| (8) <u>Nazia Khawaja,</u> | located at <u>Morris Plains, New Jersey, 08601, USA,</u> |
- (hereinafter ASSIGNOR(S)), together with

- (9) Peter Bakker, located at Zeist, NETHERLANDS,

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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.

Attorney Docket No.: 24434

Executed this ____ day of _____, 20__.

Sachin Mittal

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me, Sachin Mittal, 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 ____ day of _____, 20__.

Irina Kazakevich

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me, Irina Kazakevich, 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


Executed this 19 day of February, 2018.
Himanshu Bhattacharjee

ACKNOWLEDGEMENT

STATE of Pennsylvania)
County of Montgomery) s.s.:

On this 19 day of February, 2018, personally appeared before me, Himanshu Bhattacharjee, 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.

WITNESS 1	
Signature 	
Name <u>CHANDAN BHUGRA</u> Print Name Here	

WITNESS 2	
Signature 	
Name <u>KEVIN CHU</u> Print Name Here	

Executed this ____ day of _____, 20__.

Luke Schenck

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Luke Schenck 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

Executed this ____ day of _____, 20__.

David Goldfarb

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me David J. Goldfarb 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

Executed this ____ day of _____, 20__.

Amitava Mitra

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Amitava Mitra 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

Executed this ____ day of _____, 20__.

Donna Carroll

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Donna Carroll 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

Executed this ____ day of _____, 20__.

Nazia Khawaja

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Nazia Khawaja 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) <u>Sachin Mittal,</u> | located at <u>Bridgewater, New Jersey, 08807, USA,</u> |
| (2) <u>Irina Kazakevich,</u> | located at <u>Rockaway, New Jersey, 07866, USA,</u> |
| (3) <u>Himanshu Bhattacharjee,</u> | located at <u>Princeton, New Jersey, 08540, USA,</u> |
| (4) <u>Luke Schenck,</u> | located at <u>Yardley, Pennsylvania, 19067, USA,</u> |
| (5) <u>David J. Goldfarb</u> | located at <u>Highland Park, New Jersey, 08904, USA,</u> |
| (6) <u>Amitava Mitra,</u> | located at <u>Princeton, New Jersey, 08540, USA,</u> |
| (7) <u>Donna Carroll,</u> | located at <u>Garwood, New Jersey, 07027, USA,</u> and |
| (8) <u>Nazia Khawaja,</u> | located at <u>Morris Plains, New Jersey, 08601, USA.</u> |

(hereinafter ASSIGNOR(S)), together with

- (9) Peter Bakker, located at Zeist, NETHERLANDS.

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:

FORMULATION FOR PARENTERAL ADMINISTRATION

and in the following application(s):

U.S. Provisional Application No. 62/476,034 filed on March 24, 2017;
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.

Attorney Docket No.: 24434

Executed this 19 day of February, 2018

Sachin Mittal

Sachin Mittal

ACKNOWLEDGEMENT

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

On this 19 day of February, 2018, personally appeared before me, Sachin Mittal, 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)

Dina A Kuster
Notary Public

DINA A. KUSTER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 8/7/2020

Executed this ____ day of _____, 20____.

Irina Kazakevich

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me, Irina Kazakevich, 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

Executed this ____ day of _____, 20____.

Himanshu Bhattacharjee**ACKNOWLEDGEMENT**STATE of _____)
County of _____) s.s.:

On this ____ day of _____, 20____, personally appeared before me, Himanshu Bhattacharjee, 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.

WITNESS 1	
Signature 	
Name	_____ Print Name Here

WITNESS 2	
Signature 	
Name	_____ Print Name Here

Executed this ____ day of _____, 20____.

Luke Schenck

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me Luke Schenck 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

Executed this ____ day of _____, 20____.

David Goldfarb

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me David J. Goldfarb 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

Executed this ____ day of _____, 20____.

Amitava Mitra

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20____, personally appeared before me Amitava Mitra 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

Executed this ____ day of _____, 20__.

Donna Carroll

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Donna Carroll 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

Executed this ____ day of _____, 20__.

Nazia Khawaja

ACKNOWLEDGEMENT

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

On this ____ day of _____, 20__, personally appeared before me Nazia Khawaja 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