

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

(1) <u>Preeti G. Desai</u>	located at	<u>Piscataway, NJ,</u>
(2) <u>Shuai Shi</u>	located at	<u>Whippany, NJ</u>
(3) <u>Valentyn Antochshuk</u>	located at	<u>Cranford, NJ</u>
(4) <u>Rubi Burlage</u>	located at	<u>Florham Park, NJ</u>
(5) <u>Smita Raghava</u>	located at	<u>Belle Meade, NJ</u>

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**FORMULATIONS OF ANTI-LAG3 ANTIBODIES AND CO-FORMULATIONS OF ANTI-LAG3 ANTIBODIES
AND ANTI-PD-1 ANTIBODIES**

and/or in the following application(s):

U.S. Provisional Application No. 62/500,330 filed on May 2, 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.

Executed this 24 day of April, 2018



Preeti G. Desai

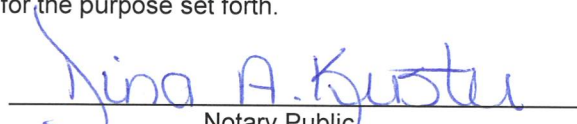
ACKNOWLEDGEMENT

State of New Jersey

County of Union) s.s.:

On this 24 day of April, 2018, personally appeared before me **Preeti G. Desai** 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
DINA A. KUSTER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 8/7/2020

Executed this ____ day of _____, 20____.

Shuai Shi

ACKNOWLEDGEMENT

State of New Jersey

County of _____) s.s.:

On this ____ day of _____, 2018, personally appeared before me **Shuai Shi** 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 24 day of April, 2018

Valery Antochshuk
Valentyn Antochshuk

ACKNOWLEDGEMENT

State of New Jersey

County of Union) s.s.:

On this 24 day of April, 2018, personally appeared before me **Valentyn Antochshuk** 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)

Dina A Kuster
Notary Public

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

Executed this 24 day of APRIL, 2018

Rubi Burlage
Rubi Burlage

ACKNOWLEDGEMENT

State of New Jersey

County of Union) s.s.:

On this 24 day of April, 2018, personally appeared before me **Rubi Burlage** 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)

Dina A Kuster
Notary Public

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

Executed this 24 day of April, 2018

Smita Raghava
Smita Raghava

ACKNOWLEDGEMENT

State of New Jersey

County of Union) s.s.:
)

On this 24 day of April, 2018, personally appeared before me **Smita Raghava** 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)

Dina A Kuster
Notary Public

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

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

Signature: 

Name: Gloria M. Fuentes

Title: Managing Counsel, Patents

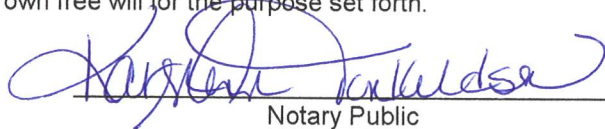
Date: April 25, 2018

ACKNOWLEDGEMENT

STATE OF NEW JERSEY)
) s.s.:
County of UNION 91)

On this 25th day of April, 2018, personally appeared before me Gloria M. Fuentes 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

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

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

(1) <u>Preeti G. Desai</u>	located at	<u>Piscataway, NJ</u>
(2) <u>Shuai Shi</u>	located at	<u>Whippany, NJ</u>
(3) <u>Valentyn Antochshuk</u>	located at	<u>Cranford, NJ</u>
(4) <u>Rubi Burlage</u>	located at	<u>Florham Park, NJ</u>
(5) <u>Smita Raghava</u>	located at	<u>Belle Meade, NJ</u>

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AND ANTI-PD-1 ANTIBODIES**

and/or in the following application(s):

U.S. Provisional Application No. 62/500,330 filed on May 2, 2017;
U.S. Application No. _____ having a filing date of _____; and
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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, 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 _____, 2018

Valentyn Antochshuk

ACKNOWLEDGEMENT

State of New Jersey

) s.s.:
County of Union)

On this ____ day of _____, 2018, personally appeared before me **Valentyn Antochshuk** 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 _____, 2018

Rubi Bulage

ACKNOWLEDGEMENT

State of New Jersey

) s.s.:
County of Union)

On this ____ day of _____, 2018, personally appeared before me **Rubi Burlage** 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

Signature: 

Date: April 25, 2018

STATE OF NEW JERSEY)
) s.s.:
County of UNION 9)

(Seal)


Notary Public

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