

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- | | |
|---------------------------|--------------------------------------|
| (1) John A. McCauley, | located at <u>Maple Glen, PA,</u> |
| (2) Manuel de Lera Ruiz, | located at <u>Perkasie, PA,</u> |
| (3) Zhuyan Guo, | located at <u>Scotch Plains, NJ,</u> |
| (4) Philippe Nantermet, | located at <u>Lansdale, PA,</u> |
| (5) Michael J. Kelly III, | located at <u>Paoli, PA,</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:

ANTIMALARIAL AGENTS

and/or in the following application(s):

U.S. Provisional Application No. 63/397,614 filed on 08/12/2022;

U.S. Application No. _____ having a filing date of _____;

PCT International Application No. PCT/CN2021/136177 having a filing date of 12/07/2021; and

PCT International Application No. PCT/US22/051770 having a filing date of 12/05/2022

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 LLC, a Limited Liability Company 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 10 day of November, 2022

John A. McCauley
John A. McCauley

ACKNOWLEDGEMENT

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

On this 10th day of November, 2022, personally appeared before me John A. McCauley, 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)

Commonwealth of Pennsylvania - Notary Seal
Jeanine L. Jackson, Notary Public
Montgomery County
My commission expires May 23, 2026
Commission number 1420109
Member, Pennsylvania Association of Notaries

Notary Public

Executed this 9 day of NOVEMBER, 2022

Manuel de Lera Ruiz
Manuel de Lera Ruiz

ACKNOWLEDGEMENT

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

On this 9th day of November, 2022, personally appeared before me Manuel de Lera Ruiz, 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)

Commonwealth of Pennsylvania - Notary Seal
Jeanine L. Jackson, Notary Public
Montgomery County
My commission expires May 23, 2026
Commission number 1420109
Member, Pennsylvania Association of Notaries

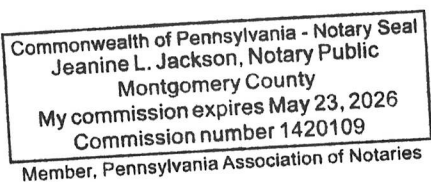
Notary Public

Zhuyan Guo

Notary Public

Philippe Nantermet

Notary Public



Executed this 09 day of Nov, 2022

Michael J. Kelly III
Michael J. Kelly III

ACKNOWLEDGEMENT

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

On this 9th day of November, 2022, personally appeared before me **Michael J. Kelly III**, 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)

Commonwealth of Pennsylvania - Notary Seal
Jeanine L. Jackson, Notary Public
Montgomery County
My commission expires May 23, 2026
Commission number 1420109
Member, Pennsylvania Association of Notaries

[Signature]
Notary Public

Accepted and agreed to by ASSIGNEE Merck Sharp & Dohme LLC

Signature: Cynthia A. Francisco

Name: Cynthia A. Francisco

Title: Executive Director, Asset Management

Date: 11/30/2022

ACKNOWLEDGEMENT

STATE OF NEW JERSEY)

County of UNION)

) s.s.:

On this 30th day of November, 2022, personally appeared before me Cynthia A. Francisco 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 TORKILDSSEN
Notary Public, State of New Jersey
My Commission Expires
October 22, 2023

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,

- | | |
|----------------------------------|--------------------------------------|
| (1) <u>John A. McCauley,</u> | located at <u>Maple Glen, PA,</u> |
| (2) <u>Manuel de Lera Ruiz,</u> | located at <u>Perkasie, PA,</u> |
| (3) <u>Zhuyan Guo,</u> | located at <u>Scotch Plains, NJ,</u> |
| (4) <u>Philippe Nantermet,</u> | located at <u>Lansdale, PA,</u> |
| (5) <u>Michael J. Kelly III,</u> | located at <u>Paoli, PA,</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:

ANTIMALARIAL AGENTS

and/or in the following application(s):

U.S. Provisional Application No. 63/397,614 filed on 08/12/2022;
 U.S. Application No. _____ having a filing date of _____;
 PCT International Application No. PCT/CN2021/136177 having a filing date of 12/07/2021; and
 PCT International Application No. PCT/US2022/051710 having a filing date of 12/05/2022.

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 LLC, a Limited Liability Company 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.

John A. McCauley

Manuel de Lera Ruiz

Executed this 2nd day of December, 2022

Zhuyan Guo
Zhuyan Guo

ACKNOWLEDGEMENT

____ OF _____
____ of _____

)
) s.s.:
)

People's Republic of China)
Municipality of Beijing
Embassy of the United
States of America

SS:

Embassy of the United States of America
Beijing, People's Republic of China

On this ____ day of 02 DEC 2022, 2022, personally appeared before me Zhuyan Guo, 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)

Cedar I. Phillips
Notary Public Vice Consul

Executed this ____ day of _____, 2022

Philippe Nantermet

ACKNOWLEDGEMENT

COMMONWEALTH OF PENNSYLVANIA)
County of MONTGOMERY)

) s.s.:
)

On this ____ day of _____, 2022, personally appeared before me Philippe Nantermet, 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 _____, 2022

Michael J. Kelly III

ACKNOWLEDGEMENT

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

On this ____ day of _____, 2022, personally appeared before me **Michael J. Kelly III**, 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

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE,
(1) Alvaro Gutierrez Bonet, located at Lansdale, PA,

(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:

ANTIMALARIAL AGENTS

and/or 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/US 22/051770 having a filing date of 12/05/2022.

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 LLC, a Limited Liability Company 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;

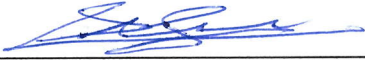
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our 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 10 day of NOVEMBER, 2022



Alvaro Gutierrez Bonet

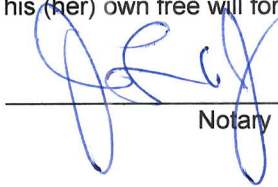
ACKNOWLEDGEMENT

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

On this 10th day of November, 2022, personally appeared before me **Alvaro Gutierrez Bonet**, 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)

Commonwealth of Pennsylvania - Notary Seal
Jeanine L. Jackson, Notary Public
Montgomery County
My commission expires May 23, 2026
Commission number 1420109
Member, Pennsylvania Association of Notaries



Notary Public

Accepted and agreed to by ASSIGNEE Merck Sharp & Dohme LLC

Signature: Cynthia A. Francisco

Name: Cynthia A. Francisco

Title: Executive Director, Asset Management

Date: 11/30/2022

ACKNOWLEDGEMENT

STATE OF NEW JERSEY)

County of UNION)

) s.s.:
)

On this 30th day of November, 2022, personally appeared before me Cynthia A. Francisco 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, State of New Jersey
My Commission Expires
October 22, 2023