

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6282778

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMIE G. BATES	07/18/2020
ANA Z. GONZALEZ BUENROSTRO	07/24/2020
HONGYAN GUO	07/15/2020
XIAOCHUN HAN	07/30/2020
BRIAN J. KIRBY	07/30/2020
YURONG LAI	07/16/2020
MICHAEL L. MITCHELL	07/17/2020
GREGG M. SCHWARZWALDER	07/16/2020
JAMES G. TAYLOR	07/20/2020
TING WANG	07/15/2020

RECEIVING PARTY DATA

Name:	GILEAD SCIENCES, INC.
Street Address:	333 LAKESIDE DRIVE
City:	FOSTER CITY
State/Country:	CALIFORNIA
Postal Code:	94404

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16986909
PCT Number:	US2020045192

CORRESPONDENCE DATA

Fax Number: (650)522-5575

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.

Phone: 6505224212

Email: trent.bastian@gilead.com

Correspondent Name: GILEAD SCIENCES, INC.

Address Line 1: 333 LAKESIDE DRIVE

Address Line 4: FOSTER CITY, CALIFORNIA 94404

ATTORNEY DOCKET NUMBER:	1309.PC-PF
NAME OF SUBMITTER:	ACHIM BRINKER
SIGNATURE:	/Achim Brinker, Reg. No. 62,991/
DATE SIGNED:	09/03/2020

Total Attachments: 36

source=1309.PC-PF Executed Assignment#page1.tif
source=1309.PC-PF Executed Assignment#page2.tif
source=1309.PC-PF Executed Assignment#page3.tif
source=1309.PC-PF Executed Assignment#page4.tif
source=1309.PC-PF Executed Assignment#page5.tif
source=1309.PC-PF Executed Assignment#page6.tif
source=1309.PC-PF Executed Assignment#page7.tif
source=1309.PC-PF Executed Assignment#page8.tif
source=1309.PC-PF Executed Assignment#page9.tif
source=1309.PC-PF Executed Assignment#page10.tif
source=1309.PC-PF Executed Assignment#page11.tif
source=1309.PC-PF Executed Assignment#page12.tif
source=1309.PC-PF Executed Assignment#page13.tif
source=1309.PC-PF Executed Assignment#page14.tif
source=1309.PC-PF Executed Assignment#page15.tif
source=1309.PC-PF Executed Assignment#page16.tif
source=1309.PC-PF Executed Assignment#page17.tif
source=1309.PC-PF Executed Assignment#page18.tif
source=1309.PC-PF Executed Assignment#page19.tif
source=1309.PC-PF Executed Assignment#page20.tif
source=1309.PC-PF Executed Assignment#page21.tif
source=1309.PC-PF Executed Assignment#page22.tif
source=1309.PC-PF Executed Assignment#page23.tif
source=1309.PC-PF Executed Assignment#page24.tif
source=1309.PC-PF Executed Assignment#page25.tif
source=1309.PC-PF Executed Assignment#page26.tif
source=1309.PC-PF Executed Assignment#page27.tif
source=1309.PC-PF Executed Assignment#page28.tif
source=1309.PC-PF Executed Assignment#page29.tif
source=1309.PC-PF Executed Assignment#page30.tif
source=1309.PC-PF Executed Assignment#page31.tif
source=1309.PC-PF Executed Assignment#page32.tif
source=1309.PC-PF Executed Assignment#page33.tif
source=1309.PC-PF Executed Assignment#page34.tif
source=1309.PC-PF Executed Assignment#page35.tif
source=1309.PC-PF Executed Assignment#page36.tif

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable, or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: 7/18/20 Signature: [Signature]
James G. Bates

Date: _____ Signature: _____
Ana Z. Gonzalez Bannistero

Date: _____ Signature: _____
Hongyan Guo

Date: _____ Signature: _____
Xiaochun Han

Date: _____ Signature: _____
Brian J. Kirby

Date: _____

Signature: _____
Yurong Lai

Date: _____

Signature: _____
Michael L. Mitchell

Date: _____

Signature: _____
Gregg M. Schwarzwald

Date: _____

Signature: _____
James G. Taylor

Date: _____

Signature: _____
Ting Wang

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

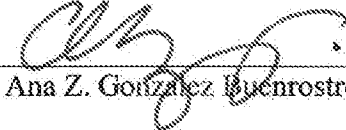
AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: _____ Signature: _____
Jamie G. Bates

Date: 7/24/2020 Signature: 
Ana Z. Gonzalez Buenrostro

Date: _____ Signature: _____
Hongyan Guo

Date: _____ Signature: _____
Xiaochun Han

Date: _____ Signature: _____
Brian J. Kirby

Date: _____

Signature: _____
Yurong Lai

Date: _____

Signature: _____
Michael L. Mitchell

Date: _____

Signature: _____
Gregg M. Schwarzwald

Date: _____

Signature: _____
James G. Taylor

Date: _____

Signature: _____
Ting Wang

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

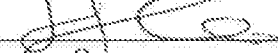
Date: _____

Signature: _____
Jamie G. Bates

Date: _____

Signature: _____
Ana Z. Gonzalez Buenrostro

Date: 7/15/2020

Signature: _____

Hongyan Gao

Date: _____

Signature: _____
Xiaochun Han

Date: _____

Signature: _____
Brian J. Kirby

Date: _____

Signature: _____
Yurong Lai

Date: _____

Signature: _____
Michael L. Mitchell

Date: _____

Signature: _____
Gregg M. Schwarzwald

Date: _____

Signature: _____
James G. Taylor

Date: _____

Signature: _____
Ting Wang

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

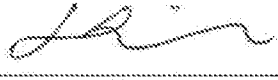
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: Signature:
Jamie G. Bates

Date: Signature:
Ana Z. Gonzalez Buenrostro

Date: Signature:
Hongyan Guo

Date: 7/30/2020 Signature: 
Xiaochun Han

Date: Signature:
Brian J. Kirby

Date: _____

Signature: _____
Yurong Lai

Date: _____

Signature: _____
Michael L. Mitchell

Date: _____

Signature: _____
Gregg M. Schwarzwald

Date: _____

Signature: _____
James G. Taylor

Date: _____

Signature: _____
Ting Wang

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.


I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: _____ Signature: _____
Jamie G. Bates

Date: _____ Signature: _____
Ana Z. Gonzalez Buenrostro

Date: _____ Signature: _____
Hongyan Guo

Date: _____ Signature: _____
Xiaochun Han

Date: 7/30/2020 Signature: 
Brian J. Kirby

Date: July 16, 2020

Signature: 
Yurong Lai

Date: _____

Signature: _____
Michael L. Mitchell

Date: _____

Signature: _____
Gregg M. Schwarzwald

Date: _____

Signature: _____
James G. Taylor

Date: _____

Signature: _____
Ting Wang

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: _____ Signature: _____
Jamie G. Bates

Date: _____ Signature: _____
Ana Z. Gonzalez Buenrostro

Date: _____ Signature: _____
Hongyan Guo

Date: _____ Signature: _____
Xiaochun Han

Date: _____ Signature: _____
Brian J. Kirby

Date: _____

Signature: _____

Yurong Lai

Date: July 17, 2020

Signature: _____

Michael L. Mitchell

Date: _____

Signature: _____

Gregg M. Schwarzwald

Date: _____

Signature: _____

James G. Taylor

Date: _____

Signature: _____

Ting Wang

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: _____ Signature: _____
Jamie G. Bates

Date: _____ Signature: _____
Ana Z. Gonzalez Buenrostro

Date: _____ Signature: _____
Hongyan Guo

Date: _____ Signature: _____
Xiaochun Han

Date: _____ Signature: _____
Brian J. Kirby


Date: _____

Signature: _____
Yurong Lai

Date: _____

Signature: _____
Michael L. Mitchell

Date: 7/16/2020

Signature: 
Gregg M. Schwarzwald

Date: _____

Signature: _____
James G. Taylor

Date: _____

Signature: _____
Ting Wang

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: _____ Signature: _____
Jamie G. Bates

Date: _____ Signature: _____
Ana Z. Gonzalez Buenrostro

Date: _____ Signature: _____
Hongyan Guo

Date: _____ Signature: _____
Xiaochun Han

Date: _____ Signature: _____
Brian J. Kirby

Date: _____

Signature: _____
Yurong Lai

Date: _____

Signature: _____
Michael L. Mitchell

Date: _____

Signature: _____
Gregg M. Schwarzwald

Date: 7-20-2020

Signature: James G. Taylor
James G. Taylor

Date: _____

Signature: _____
Ting Wang

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Jamie G. Bates; Ana Z. Gonzalez Buenrostro; Hongyan Guo; Xiaochun Han; Brian J. Kirby; Yurong Lai; Michael L. Mitchell; Gregg M. Schwarzwald; James G. Taylor; and Ting Wang (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignors have invented certain new and useful improvements in THIENOPYRIMIDINE DERIVATIVES AS ACC INHIBITORS AND USES THEREOF, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: 16/986,909 Filing Date: August 6, 2020

PCT Serial No.: PCT/US2020/045192 Filing Date: August 6, 2020

WHEREAS, Gilead Sciences, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 333 Lakeside Drive, Foster City, California 94404 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire

right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful

and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: _____ Signature: _____
Jamie G. Bates

Date: _____ Signature: _____
Ana Z. Gonzalez Buenrostro

Date: _____ Signature: _____
Hongyan Guo

Date: _____ Signature: _____
Xiaochun Han

Date: _____ Signature: _____
Brian J. Kirby

Date: _____

Signature: _____
Yurong Lai

Date: _____

Signature: _____
Michael L. Mitchell

Date: _____

Signature: _____
Gregg M. Schwarzwald

Date: _____

Signature: _____
James G. Taylor

Date: 07/15/2020

Signature: 
Ting Wang