508074785 08/18/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8121938

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GAYATRI BALAN	09/23/2019
MARK J. BARTLETT	09/10/2019
JAYARAMAN CHANDRASEKHAR	09/23/2019
JULIAN A. CODELLI	09/23/2019
JOHN H. CONWAY	09/23/2019
JENNIFER L. COSMAN	09/10/2019
RAO V. KALLA	10/09/2019
ZACHARY A. KASUN	09/23/2019
MUSONG KIM	09/23/2019
SEUNG H. LEE	09/23/2019
JENNIFER R. LO	09/23/2019
JENNIFER A. LOYER-DREW	09/23/2019
SCOTT A. MITCHELL	09/23/2019
THAO D. PERRY	10/09/2019
GARY B. PHILLIPS	09/23/2019
PATRICK J. SALVO	09/23/2019
SUNDARAMOORTHI SWAMINATHAN	10/11/2019
JOSHUA J. VAN VELDHUIZEN	09/23/2019
SUET C. YEUNG	09/23/2019
JEFF ZABLOCKI	09/22/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17522628

PATENT REEL: 064637 FRAME: 0482

508074785

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: +1 (650) 522-4279

Email: kelsey.fajilan@gilead.com **Correspondent Name:** GILEAD SCIENCES, INC. Address Line 1: 333 LAKESIDE DRIVE

Address Line 4: FOSTER CITY, CALIFORNIA 94404

ATTORNEY DOCKET NUMBER:	1254-US-P2C2
NAME OF SUBMITTER:	KELSEY FAJILAN
SIGNATURE:	/Kelsey Fajilan/
DATE SIGNED:	08/18/2023

Total Attachments: 18

source=1254-US-P2C2 Signed Assignment#page1.tif source=1254-US-P2C2 Signed Assignment#page2.tif source=1254-US-P2C2 Signed Assignment#page3.tif source=1254-US-P2C2 Signed Assignment#page4.tif source=1254-US-P2C2 Signed Assignment#page5.tif source=1254-US-P2C2 Signed Assignment#page6.tif source=1254-US-P2C2 Signed Assignment#page7.tif source=1254-US-P2C2 Signed Assignment#page8.tif source=1254-US-P2C2 Signed Assignment#page9.tif source=1254-US-P2C2 Signed Assignment#page10.tif source=1254-US-P2C2 Signed Assignment#page11.tif source=1254-US-P2C2 Signed Assignment#page12.tif source=1254-US-P2C2 Signed Assignment#page13.tif source=1254-US-P2C2 Signed Assignment#page14.tif source=1254-US-P2C2 Signed Assignment#page15.tif source=1254-US-P2C2 Signed Assignment#page16.tif source=1254-US-P2C2 Signed Assignment#page17.tif source=1254-US-P2C2 Signed Assignment#page18.tif

> **PATENT REEL: 064637 FRAME: 0483**

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Gayatri Balan; Mark J. Bartlett; Jayaraman Chandrasekhar; Julian A. Codelli; John H. Conway; Jennifer L. Cosman; Rao V. Kalla; Zachary A. Kasun; Musong Kim; Seung H. Lee; Jennifer R. Lo; Jennifer A. Loyer-Drew; Scott A. Mitchell; Thao D. Perry; Gary B. Phillips; Patrick J. Salvo; Joshua J. Van Veldhuizen; Suet C. Yeung who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404 and Jeff Zablocki (hereinafter referred to as Assignors) who resides at or has a mailing address at 490 Raquel Court, Los Altos, California 94022 respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SUBSTITUTED 6-AZABENZIMIDAZOLE COMPOUNDS, 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.: 16/669,346 Filing Date: October 30, 2019

PCT Serial No.: US2019/058932 Filing Date: October 30, 2019

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 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,

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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: 0	09/23/2019	Signature:	Gayatri Balan
Date:		Signature:	Mark J. Bartlett
Date:	09/23/2019	Signature:	Jayaraman Chandrasekhar
Date:	9/23/2019	Signature:	Julian A. Codelli
Date:	09/23/2019	Signature:	John H. Conway
Date: _		Signature:	Jennifer L. Cosman

Date:	10/09/22/9	Signature:	Rao V. Kalla
Date:	9/2/12	Signature:	Zachary A. Kasun
Date:	9,23,19	Signature:	Musong Kim
Date:	9/23/18	Signature:	Seting H. Lee
Date:	9/23/19	Signature:	Jennifer R. Lo
Date:	9-23-19	Signature: _	Jennifer A. Loyer-Drew
Date:	9-23-19	Signature:	Scott A. Mitchell
Date:	10-9-19	Signature:	Thao D. Perry
Date:	9/23/19	Signature: _	Gáry B. Phillips

Date:	9/23/19	Signature:	Patrick J (Salvo
Date:	9/23/19	Signature:	Joshua J. Van Veldhuizen
Date:	9/23/19	Signature:	Suet C. Yeung
Date:		Signature:	Jeff Zablocki

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Gayatri Balan; Mark J. Bartlett; Jayaraman Chandrasekhar; Julian A. Codelli; John H. Conway; Jennifer L. Cosman; Rao V. Kalla; Zachary A. Kasun; Musong Kim; Seung H. Lee; Jennifer R. Lo; Jennifer A. Loyer-Drew; Scott A. Mitchell; Thao D. Perry; Gary B. Phillips; Patrick J. Salvo; Joshua J. Van Veldhuizen; Suet C. Yeung who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404 and Jeff Zablocki (hereinafter referred to as Assignors) who resides at or has a mailing address at 490 Raquel Court, Los Altos, California 94022 respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SUBSTITUTED 6-AZABENZIMIDAZOLE COMPOUNDS, 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.:
 16/669,346
 Filing Date:
 October 30, 2019

 PCT Serial No.:
 US2019/058932
 Filing Date:
 October 30, 2019

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 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,

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REEL: 064637 FRAME: 0489

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:	
		Gayatri Balan
Date: 4/10/2019	Signature:	Mark J. Bartlett
Date:	Signature:	Jayaraman Chandrasekhar
Date:	Signature:	Julian A. Codelli
Date:	Signature: _	John H. Conway
Date: 09/10/2019	Signature:	Jennifer L. Cosman

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Date:	Signature:	
	- · · · · · · · · · · · · · · · · · · ·	Rao V. Kalla
Date:	Signature:	Zachary A. Kasun
Date:	Signature:	Musong Kim
Date:	Signature: _	Seung H. Lee
Date:	Signature:	Jennifer R. Lo
Date:	Signature:	Jennifer A. Loyer-Drew
Date:	Signature: _	Scott A. Mitchell
Date:	Signature:	Thao D. Perry
Date:	Signature:	Gary B. Phillips

Date:	 Signature:	Patrick J. Salvo
Date:	Signature:	Joshua J. Van Veldhuizen
Date:	 Signature:	Suet C. Yeung
Date:	 Signature:	Jeff Zablocki

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Gayatri Balan; Mark J. Bartlett; Jayaraman Chandrasekhar; Julian A. Codelli; John H. Conway; Jennifer L. Cosman; Rao V. Kalla; Zachary A. Kasun; Musong Kim; Seung H. Lee; Jennifer R. Lo; Jennifer A. Loyer-Drew; Scott A. Mitchell; Thao D. Perry; Gary B. Phillips; Patrick J. Salvo; Joshua J. Van Veldhuizen; Suet C. Yeung who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404 and Jeff Zablocki (hereinafter referred to as Assignors) who resides at or has a mailing address at 490 Raquel Court, Los Altos, California 94022 respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SUBSTITUTED 6-AZABENZIMIDAZOLE COMPOUNDS, 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:

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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.

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Date:	 Signature:	Gayatri Balan
Date:		Mark J. Bartlett
Date:	 Signature:	Jayaraman Chandrasekhar
Date:	Signature:	Julian A. Codelli
Date:	Signature:	John H. Conway
Date:	 Signature:	Jennifer L. Cosman

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Date:	Managamining dan bergamining dan bergamining dan bergamining dan bergamining dan bergamining dan bergamining d	Signature:	Rao V. Kaila
Date:		Signature:	Zachary A. Kasun
Date:	***************************************	Signature:	Musong Kim
Date:		Signature:	Seung H. Lee
Dates		Signature:	Jennifer R. Lo
Date:		Signature: _	Jennifer A. Loyer-Drew
Date:	,	Signature:	Scott A. Mitchell
Date:		Signature: _	Thao D. Perry
Date:	,	Signature:	Gary B. Phillips

Date:	Signature:	Patrick J. Salvo	
Date:	Signature:	Joshua J. Van Veldhuizen	*******
Date:	Signature:	Suet C. Yeung	
Date: <u>lept 2.</u>	2,20/9 Signature:	Iff 30 bbelo	

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Sundaramoorthi Swaminathan (hereinafter referred to as Assignor), who resides at or has a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404;

WHEREAS, Assignor has invented certain new and useful improvements in SUBSTITUTED 6-AZABENZIMIDAZOLE COMPOUNDS, 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.:	16/669,346	Filing Date:	October 30, 2019
РСТ	Serial No.:	US2019/058932	Filing Date:	October 30, 2019

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NOW, THEREFORE, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged. Assignor has sold, assigned, transferred and set over, and by these presents does 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

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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 Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants 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, Assignor is the sole and lawful owner 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 Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor 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 Assignor acknowledges 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: 10/11/19 Signature: Sundaramoorthi Swaminathan

1254,600-626