

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5913973

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ELIZABETH M. BACON	06/27/2016
GAYATRI BALAN	06/22/2016
CHIEN-HUNG CHOU	06/23/2016
CHRISTOPHER T. CLARK	06/22/2016
JEROMY J. COTTELL	06/27/2016
MUSONG KIM	06/22/2016
THORSTEN A. KIRSCHBERG	06/22/2016
JOHN O. LINK	06/22/2016
GARY PHILLIPS	06/22/2016
SCOTT D. SCHROEDER	06/22/2016
NEIL H. SQUIRES	06/22/2016
KIRK L. STEVENS	06/22/2016
JAMES G. TAYLOR	06/22/2016
NATHAN E. WRIGHT	06/22/2016
SHEILA M. ZIPFEL	06/22/2016
WILLIAM J. WATKINS	06/24/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GILEAD SCIENCES, INC.
<b>Street Address:</b>	333 LAKESIDE DRIVE
<b>City:</b>	FOSTER CITY
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94404
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16717074
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)522-5575
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	

PATENT

**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

<b>ATTORNEY DOCKET NUMBER:</b>	1118.P2CC2C
<b>NAME OF SUBMITTER:</b>	TRENT BASTIAN
<b>SIGNATURE:</b>	/Trent Bastian/
<b>DATE SIGNED:</b>	01/16/2020

**Total Attachments: 15**

source=1118.P2CC2C Executed Assignment#page1.tif  
source=1118.P2CC2C Executed Assignment#page2.tif  
source=1118.P2CC2C Executed Assignment#page3.tif  
source=1118.P2CC2C Executed Assignment#page4.tif  
source=1118.P2CC2C Executed Assignment#page5.tif  
source=1118.P2CC2C Executed Assignment#page6.tif  
source=1118.P2CC2C Executed Assignment#page7.tif  
source=1118.P2CC2C Executed Assignment#page8.tif  
source=1118.P2CC2C Executed Assignment#page9.tif  
source=1118.P2CC2C Executed Assignment#page10.tif  
source=1118.P2CC2C Executed Assignment#page11.tif  
source=1118.P2CC2C Executed Assignment#page12.tif  
source=1118.P2CC2C Executed Assignment#page13.tif  
source=1118.P2CC2C Executed Assignment#page14.tif  
source=1118.P2CC2C Executed Assignment#page15.tif

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Elizabeth M. Bacon; Gayatri Balan; Chien-Hung Chou; Christopher T. Clark; Jeromy J. Cottell; Musong Kim; Thorsten A. Kirschberg; John O. Link; Gary Phillips; Scott D. Schroeder; Neil H. Squires; Kirk L. Stevens; James G. Taylor; Nathan E. Wright; Sheila M. Zipfel, and William J. Watkins (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 respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in COT MODULATORS AND METHODS OF USE 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.: 15/199,534 Filing Date: June 30, 2016

PCT Serial No.: PCT/US2016/040520 Filing Date: June 30, 2016

**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.

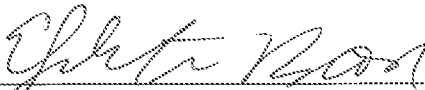
AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already 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

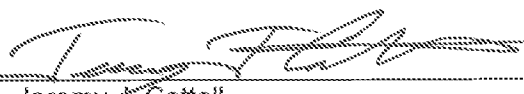
States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

Date: June 27, 2016 Signature:   
Elizabeth M. Bacon

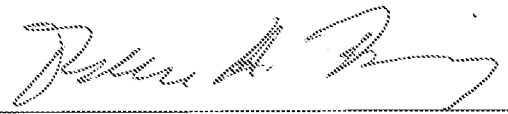
Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Gayatri Balan

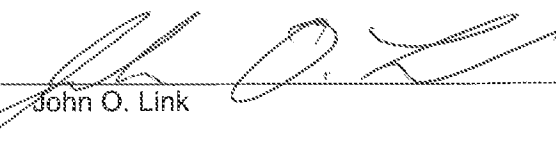
Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Chien-Hung Chou

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Christopher T. Clark

Date: 6-27-2016 Signature:   
Jeromy J. Cottell

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Musong Kim


Date: 6-22-2016 Signature:   
Thorsten A. Kirschberg

Date: 6/22/16 Signature:   
John O. Link


Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Gary Phillips

Date: 6-22-2016

Signature:   
\_\_\_\_\_  
Scott D. Schroeder


Date: 6-22-2016

Signature:   
\_\_\_\_\_  
Neil H. Squires

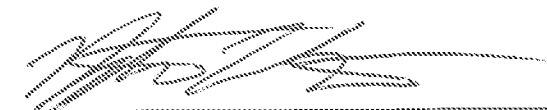
Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Kirk L. Stevens

Date: 6-22-2016

Signature:   
\_\_\_\_\_  
James G. Taylor

Date: 6-22-2016

Signature:   
\_\_\_\_\_  
Nathan E. Wright

Date: 22 June 2016

Signature:   
\_\_\_\_\_  
Sheila M. Zipfel

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
William J. Watkins

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Elizabeth M. Bacon; Gayatri Balan; Chien-Hung Chou; Christopher T. Clark; Jeromy J. Cottell; Musong Kim; Thorsten A. Kirschberg; John O. Link; Gary Phillips; Scott D. Schroeder; Neil H. Squires; Kirk L. Stevens; James G. Taylor; Nathan E. Wright; Sheila M. Zipfel, and William J. Watkins (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 respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in COT MODULATORS AND METHODS OF USE 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.: 15/199,534 Filing Date: June 30, 2016

PCT Serial No.: PCT/US2016/040520 Filing Date: June 30, 2016

**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.

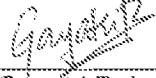
I hereby grant Assignee(s), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United

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: \_\_\_\_\_  
Elizabeth M. Bacon

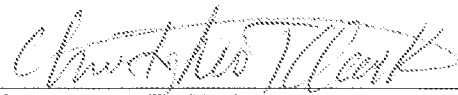
Date: 06/22/2016

Signature:   
Gayatri Balan

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Chien-Hung Chou

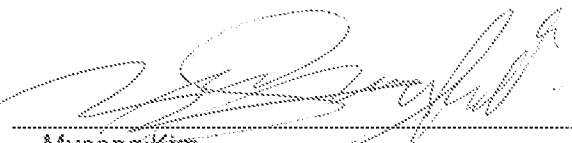
Date: 6-22-16

Signature:   
Christopher T. Clark

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Jeromy J. Cottell

Date: 6-22-16

Signature:   
Musong Kim

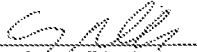
Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Thorsten A. Kirschberg

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
John O. Link

Date: 6/22/16

Signature:   
Gary Phillips

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Scott D. Schroeder

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Neil H. Squires

Date: 6/22/16

Signature:   
Kirk L. Stevens

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
James G. Taylor

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Nathan E. Wright

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Sheila M. Zipfel

Date: 27<sup>th</sup> June 2016

Signature: William J. Watkins  
William J. Watkins

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Elizabeth M. Bacon; Gayatri Balan; Chien-Hung Chou; Christopher T. Clark; Jeromy J. Cottell; Musong Kim; Thorsten A. Kirschberg; John O. Link; Gary Phillips; Scott D. Schroeder; Neil H. Squires; Kirk L. Stevens; James G. Taylor; Nathan E. Wright; Sheila M. Zipfel, and William J. Watkins (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 respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in COT MODULATORS AND METHODS OF USE 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.: 15/199,534 Filing Date: June 30, 2016

PCT Serial No.: PCT/US2016/040520 Filing Date: June 30, 2016

**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: \_\_\_\_\_  
Elizabeth M. Bacon

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Gayatri Balan

Date: 6/23/16

Signature: \_\_\_\_\_  
Chien-Hung Chou

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Christopher T. Clark

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Jeromy J. Cottell

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Musong Kim

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Thorsten A. Kirschberg

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
John O. Link

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Gary Phillips

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Scott D. Schroeder

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Neil H. Squires

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Kirk L. Stevens

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
James G. Taylor

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Nathan E. Wright

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Sheila M. Zipfel



Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
William J. Watkins