

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT3273884

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
CAROLINE ACIRO	06/16/2014
VICTORIA ALEXANDRA STEADMAN	06/11/2014
SIMON NEIL PETTIT	06/10/2014
KARINE G. POULLENNEC	06/10/2014
LINOS LAZARIDES	06/10/2014
DAVID KENNETH DEAN	06/10/2014
NEIL ANDREW DUNBAR	06/26/2014
ADRIAN JOHN HIGHTON	06/10/2014
ANDREW JOHN KEATS	06/10/2014
DUSTIN SCOTT SIEGEL	07/29/2013
KAPIL KUMAR KARKI	08/20/2013
ADAM JAMES SCHRIER	07/29/2013
PETR JANSA	07/29/2013
RICHARD MACKMAN	08/20/2013
JEAN YVES CHIVA	06/10/2014

**RECEIVING PARTY DATA**

<b>Name:</b>	GILEAD SCIENCES, INC.
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<b>Postal Code:</b>	94404
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<b>State/Country:</b>	GREAT BRITAIN
<b>Postal Code:</b>	CM5 0GS

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13913259

**CORRESPONDENCE DATA**

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<b>ATTORNEY DOCKET NUMBER:</b>	908.PC
<b>NAME OF SUBMITTER:</b>	J. ELIN HARTRUM
<b>SIGNATURE:</b>	/J. Elin Hartrum, Reg. No. 43,663/
<b>DATE SIGNED:</b>	03/19/2015

**Total Attachments: 8**  
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**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Gilead Sciences, Inc.  
333 Lakeside Drive  
Foster City, CA 94404

and

Seicia Ltd.  
Fyfield Business and Research Park  
Fyfield Road  
Ongar Essex CM50GS

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

**MACROCYCLIC INHIBITORS OF FLAVIVIRIDAE VIRUSES**

as set forth in this United States Patent Application

*check one*     ] executed concurrently herewith,  
                   ] executed on \_\_\_\_\_  
                   ] Serial No. 13/913,259 Filed 6/7/2013

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in

the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

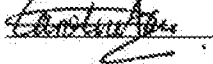
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

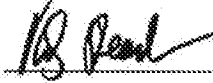
ASSIGNOR HEREBY GRANTS to the law firm of **Sheppard Mullin Richter & Hampton LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Sheppard Mullin Richter & Hampton LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

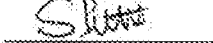
NAME AND SIGNATURE OF INVENTOR

Name: CAROLINE ACIRO SIGNATURE  Date 16 June 2014


NAME AND SIGNATURE OF INVENTOR

Name: VICTORIA ALEXANDRA STEADMAN SIGNATURE  Date 11 June 2014

NAME AND SIGNATURE OF INVENTOR

Name: SIMON NEIL PETTIT SIGNATURE  Date 10<sup>th</sup> JUNE 2014


NAME AND SIGNATURE OF INVENTOR

Name: KARINE G. POULLENNEC SIGNATURE  Date 10<sup>th</sup> June 2014

NAME AND SIGNATURE OF INVENTOR

Name: LINOS LAZARIDES SIGNATURE  Date 10<sup>th</sup> JUNE 2014

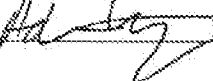
NAME AND SIGNATURE OF INVENTOR

Name: DAVID KENNETH DEAN SIGNATURE  Date 10 June 2014

NAME AND SIGNATURE OF INVENTOR

Name: NEIL ANDREW DUNBAR SIGNATURE  Date 26 June 2014

NAME AND SIGNATURE OF INVENTOR

Name: ADRIAN JOHN HIGHTON SIGNATURE  Date 10<sup>th</sup> June 2014

NAME AND SIGNATURE OF INVENTOR

Name: ANDREW JOHN KEATS      SIGNATURE  Date: 10<sup>TH</sup> JUNE 2014

NAME AND SIGNATURE OF INVENTOR

Name: DUSTIN SCOTT SIEGEL      SIGNATURE \_\_\_\_\_ Date: \_\_\_\_\_

NAME AND SIGNATURE OF INVENTOR

Name: KAPIL KUMAR KARKI      SIGNATURE \_\_\_\_\_ Date: \_\_\_\_\_

NAME AND SIGNATURE OF INVENTOR

Name: ADAM JAMES SCHRIER      SIGNATURE \_\_\_\_\_ Date: \_\_\_\_\_

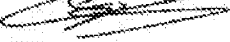
NAME AND SIGNATURE OF INVENTOR

Name: PETR JANSKA      SIGNATURE \_\_\_\_\_ Date: \_\_\_\_\_

NAME AND SIGNATURE OF INVENTOR

Name: RICHARD MACKMAN      SIGNATURE \_\_\_\_\_ Date: \_\_\_\_\_

NAME AND SIGNATURE OF INVENTOR

Name: JEAN YVES CHIVA      SIGNATURE  Date: 10 JUNE 14

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                   executed on \_\_\_\_\_,  
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**NAME AND SIGNATURE OF INVENTOR**

Name: CAROLINE ACIRO                      SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: VICTORIA ALEXANDRA              SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_  
      STEADMAN

**NAME AND SIGNATURE OF INVENTOR**

Name: SIMON NEIL PETTIT                SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: KARINE G.                            SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_  
      POULLENNEC

**NAME AND SIGNATURE OF INVENTOR**

Name: LINOS LAZARIDES                SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: DAVID KENNETH DEAN            SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

Name: NEIL ANDREW DUNBAR            SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

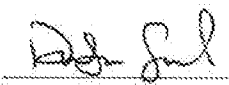
**NAME AND SIGNATURE OF INVENTOR**

Name: ADRIAN JOHN HIGHTON         SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

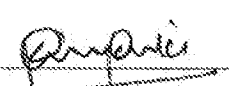
NAME AND SIGNATURE OF INVENTOR

Name: ANDREW JOHN KEATS SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_

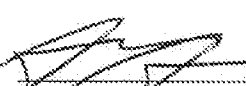
NAME AND SIGNATURE OF INVENTOR

Name: DUSTIN SCOTT SIEGEL SIGNATURE  Date 7-29-13

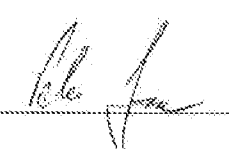
NAME AND SIGNATURE OF INVENTOR

Name: KAPIL KUMAR KARKI SIGNATURE  Date 08/20/2013

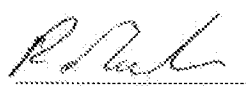
NAME AND SIGNATURE OF INVENTOR

Name: ADAM JAMES SCHRIER SIGNATURE  Date 7/29/13

NAME AND SIGNATURE OF INVENTOR

Name: PETR JANSKA SIGNATURE  Date 7/29/2013

NAME AND SIGNATURE OF INVENTOR

Name: RICHARD MACKMAN SIGNATURE  Date 8/20/2013

NAME AND SIGNATURE OF INVENTOR

Name: JEAN YVES CHIVA SIGNATURE \_\_\_\_\_ Date \_\_\_\_\_