## PATENT ASSIGNMENT COVER SHEET

# Electronic Version v1.1 Stylesheet Version v1.2

## EPAS ID: PAT2677734

	Ξ:	NEW ASSIGNMENT			
NATURE OF CONV	'EYANCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PART	Y DATA				
		Name	Execution Date		
EDA CANALES			01/10/2014		
MICHAEL O'NEIL C	CLARKE		01/10/2014		
EDWARD DOERFF	FLER		01/10/2014		
SCOTT E. LAZERV	WITH		01/10/2014		
WILLIAM J. WATKI	INS		01/10/2014		
RECEIVING PARTY	( DATA				
Name:	GILEAD SCI	ENCES, INC.			
Street Address:	333 LAKESI	DE DRIVE			
City:	FOSTER CIT				
State/Country:	CALIFORNIA				
Postal Code:	94404				
PROPERTY NUMB	ERS Total: 2				
PROPERTY NUMB	]	Number			
[	Туре	Number 13549130			
Property	Туре				
Property Application Numbe	Type pr:	13549130			
Property Application Numbe PCT Number: CORRESPONDENC Fax Number: Phone: Email:	Type r: CE DATA (650 650 sylvi <i>ill be sent via US</i> ne: GILI 333	13549130			
Property Application Numbe PCT Number: CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence wit</i> Correspondent Nam Address Line 1:	Type r: CE DATA (650 650 sylvi <i>ill be sent via US</i> ne: GILI 333 FOS	13549130 US2012046741 0)578-9264 5743000 ia.brennan@gilead.com <i>Mail when the email attempt is unsuccessfu</i> EAD SCIENCES, INC. LAKESIDE DRIVE	 		
Property Application Numbe PCT Number: CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence wit</i> Correspondent Nam Address Line 1: Address Line 4:	Type Ty	13549130 US2012046741 0)578-9264 5743000 ia.brennan@gilead.com <i>Mail when the email attempt is unsuccessfu</i> EAD SCIENCES, INC. LAKESIDE DRIVE STER CITY, CALIFORNIA 94404			

Signature:	/Brian C. Remy, Reg. No. 48,176/
Date:	01/13/2014
Total Attachments: 15 source=866.PC and 866.PC Exectued Assig source=866.PC and 866.PC Exectued Assig	gnment#page2.tif gnment#page3.tif gnment#page5.tif gnment#page6.tif gnment#page7.tif gnment#page8.tif gnment#page9.tif gnment#page10.tif gnment#page12.tif gnment#page12.tif gnment#page13.tif gnment#page13.tif

THIS ASSIGNMENT, made by Eda Canales; Michael O'Neil Clarke; Edward Doerffler; Scott E. Lazerwith; and William J. Watkins (hereinafter referred to as Assignors), who 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 <u>INHIBITORS OF FLAVIVIRIDAE VIRUSES</u>, 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. Application No.: 13/549,130 Filed on July 13, 2012 PCT Application No.: PCT/US2012/046741 Filed on July 13, 2012

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

### PATENT REEL: 031946

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.

Date: Januag 10th 2014	Signature:	the Call
		Eda Canales
Date:	Signature:	
		Michael O'Neil Clarke
Date:	Signature:	
		Scott E. Lazerwith
Date:	Signature:	
<u> </u>		Edward Doerffler
_	<b>.</b>	
Date:	Signature:	
		William J. Watkins

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Docket No.866.PC and 866.PF

PATENT REEL: 031946 FRAME: 0728

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.

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

Docket No.866.PC and 866.PF

## PATENT REEL: 031946 FRAME: 0729

Date:		Signature:	
			Eda Canales
Date:	1/10/14	Signature:	Michael O'Neil Chale
Date:		Signature:	
			Scott E. Lazerwith
Date:		Signature:	· · · · · · · · · · · · · · · · · · ·
			Edward Doerffler
Date:		Signature:	
	······································	0	William J. Watkins

PATENT REEL: 031946 FRAME: 0730

THIS ASSIGNMENT, made by Eda Canales; Michael O'Neil Clarke; Edward Doerffler; Scott E. Lazerwith; and William J. Watkins (hereinafter referred to as Assignors), who have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404 respectively;

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Docket No.866.PC and 868 PF

PATENT REEL: 031946 FRAME: 0731

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.

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

Docket No.566.PC and 865 RF

Date:	Signature:	
	-	Eda Canales
Date:	Signature:	
		Michael O'Neil Clarke
Date: _/-/0-/4	Signature:	Scott E. Lazerwith
Date:	Signature:	
		Edward Doerffler
Date:	Signature:	William J. Watkins
		A A DRICH II OF A A CULUE 10

Docket No.866.PC and 868.PF

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Docket No.866.PC and 866.PF

PATENT REEL: 031946 FRAME: 0734

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Docket No.866.PC and 866.PF

### PATENT REEL: 031946 FRAME: 0735

Date:	Signature:	
		Eda Canales
Date:	Signature:	
		Michael O'Neil Clarke
Date:	Signature:	Scott E. Lazerwith
Date: 01 10 14	Signature:	Edward Doerffler
Date:	Signature:	William J. Watkins

Docket No.866.PC and 866.PF

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Docket No.866.PC and 866.PF

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		Eda Canales
Date:	Signature:	Michael O'Neil Clarke
Date:	Signature:	Scott E. Lazerwith
Date:	Signature:	Edward Doerffler
Date: 10th January 2014	Signature:	William J. Wattins

PATENT REEL: 031946 FRAME: 0739