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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ZHIMIN DU	04/29/2015
JUAN ARNALDO GUERRERO	04/29/2015
JOSHUA AARON KAPLAN	04/29/2015
JOHN EDWARD KNOX JR.	04/29/2015
DEVAN NADUTHAMBI	05/01/2015
BARTON W. PHILLIPS	04/29/2015
CHANDRASEKAR VENKATARAMANI	04/29/2015
PEIYUAN WANG	04/29/2015
WILLIAM J. WATKINS	04/29/2015
JEFF ZABLOCKI	05/05/2015

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:	14728562
PCT Number:	US1533769

CORRESPONDENCE DATA

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PATENT REEL: 035769 FRAME: 0455

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ATTORNEY DOCKET NUMBER:	1088.PC/1088.PF	
NAME OF SUBMITTER:	JOEL B. SILVER	
SIGNATURE:	/JOEL B. SILVER, REG. NO. 53,866/	
DATE SIGNED:	06/02/2015	

Total Attachments: 4

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> PATENT REEL: 035769 FRAME: 0456

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Zhimin Du; Juan Arnaldo Guerrero; Joshua Aaron Kaplan; John Edward Knox, Jr.; Devan Naduthambi; Barton W. Phillips; Chandrasekar Venkataramani; Peiyuan Wang; William J. Watkins; and Jeff Zablocki (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 TANK-BINDING KINASE INHIBITOR 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.:	14/728,562	Filing Date:	June 2, 2015
PCT	Serial No.:	PCT/US15/33769	_Filing Date:	June 2, 2015

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

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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 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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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:	Apr. 29, 2015	Signature:	Z/2 IZ Zhimin Du
Date:	4-29-2015	Signature	Juan Arnaldo Guerrero
Date;	29 401 2015	Signature:	Joshua Janon Kaplan Joshua Aaron Kaplan
Date:	29-4/11-2015	Signature: /	John Edward Knox, Jr.
Date:	5-1-15	Signature:	Devan Naduthambi
Date:	4-24-15	Signature:	Barton W. Phillips
Date:	4-29-15	Signature:	Chandrasekar Venkataramani

Date:	April>9,2015	Signature:	Peiyuan Wang Peiyuan Wang
Date:	29 12 April 2015	Signature:	William J. Waterins
Date:	5th May 2015	Signature:	Jeff Zabrocki