

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4637225

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

**CONVEYING PARTY DATA**

Name	Execution Date
KERIM BABAOGU	07/25/2011
CONSTANTINE G. BOOJAMRA	07/22/2011
EUGENE J. EISENBERG	07/22/2011
HON CHUNG HUI	07/22/2011
RICHARD L. MACKMAN	07/22/2011
JAY P. PARRISH	07/22/2011
MICHAEL SANGI	07/22/2011
OLIVER L. SAUNDERS	07/25/2011
DUSTIN SIEGEL	08/03/2011
DAVID SPERANDIO	07/25/2011
HAI YANG	07/25/2011

**RECEIVING PARTY DATA**

<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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15639970

**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: 650-574-3000

Email: dmacedo@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>	818.PC2C3
<b>NAME OF SUBMITTER:</b>	JOEL SILVER
<b>SIGNATURE:</b>	/Joel Silver, Reg. No. 53,866/
<b>DATE SIGNED:</b>	10/11/2017
<b>Total Attachments: 4</b> source=818.PC2C3 2017-10-11 Assignment#page1.tif source=818.PC2C3 2017-10-11 Assignment#page2.tif source=818.PC2C3 2017-10-11 Assignment#page3.tif source=818.PC2C3 2017-10-11 Assignment#page4.tif	

**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made by Kerim Babaoglu; Constantine G. Boojamra; Eugene J. Eisenberg; Hon Chung Hui; Richard L. Mackman; Jay P. Parrish; Michael Sangi; Oliver L. Saunders; Dustin Siegel; David Sperandio; and Hai Yang (hereinafter referred to as Assignors), residing at 39 Kathleen Ct., Pacifica, California 94044; 1 Worth Street, San Francisco, California 94114; 236 Club Drive, San Carlos, California 94070; 853 Woodside Way #229, San Mateo, California 94401; 360 Ashton Avenue, Millbrae, California 94030; 720 Bair Island Rd., #106, Redwood City, California 94063; 5507 College Ave. Apt. #7, Oakland, California 94618; 615 Port Drive #202, San Mateo, California 94404; 758 Bounty Dr. Apt. 5803, Foster City, California 94404; 3804 Nathan Way, Palo Alto, California 94303; and 32 Jody Court, San Mateo, California 94402, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in PYRAZOLO[1,5-A]PYRIMIDINES FOR ANTIVIRAL TREATMENT, set forth in a Patent application for Letters Patent of the United States, already filed on June 23, 2011 as U.S. Application No. 13/167,618; and

**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.

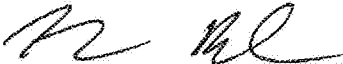
**NOW, THEREFORE**, to all whom it may concern, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations, continuations-in-part, and continuing applications of said

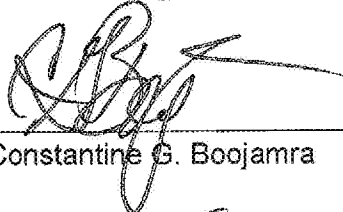
application, and any and all Letters Patent in the United States which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed 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.

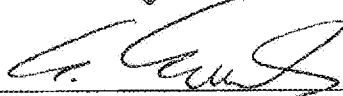
**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have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

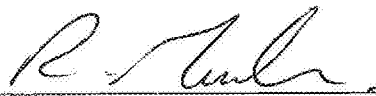
**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.


Date: <sup>KB</sup> 7/25/2011 Signature:   
Kerim Babaoglu


Date: 7/22/2011 Signature:   
Constantine G. Boojamra

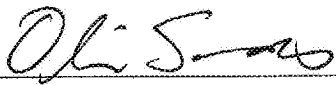
Date: 7/22/2011 Signature:   
Eugene J. Eisenberg

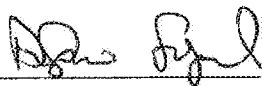
Date: 7/22/2011 Signature:   
Hon Chung Hui

Date: 7/22/2011 Signature:   
Richard L. Mackman

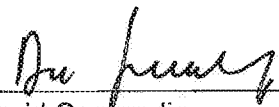
Date: 7/22/2011 Signature:   
Jay P. Parrish

Date: 7/22/2011 Signature:   
Michael Sangi

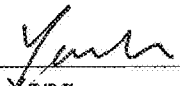
Date: 7/25/2011 Signature:   
Oliver L. Saunders

Date: 8/3/2011 Signature:   
Dustin Siegel

Date: 7/25/2011

Signature:   
David Spelandio

Date: 07/25/2011

Signature:   
Hai Yang