

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ERIC DOWDY</td> <td>03/04/2014</td> </tr> <tr> <td>STEVEN PFEIFFER</td> <td>03/05/2014</td> </tr> </tbody> </table>		Name	Execution Date	ERIC DOWDY	03/04/2014	STEVEN PFEIFFER	03/05/2014
Name	Execution Date						
ERIC DOWDY	03/04/2014						
STEVEN PFEIFFER	03/05/2014						
RECEIVING PARTY DATA							
Name:	GILEAD SCIENCES, INC.						
Street Address:	333 LAKESIDE DRIVE						
City:	FOSTER CITY						
State/Country:	CALIFORNIA						
Postal Code:	94404						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US0876002</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US0876002		
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PCT Number:	US0876002						
CORRESPONDENCE DATA							
Fax Number:	(650)522-5575						
Phone:	650-574-3000						
Email:	dmacedo@gilead.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	GILEAD SCIENCES, INC.						
Address Line 1:	333 LAKESIDE DRIVE						
Address Line 4:	FOSTER CITY, CALIFORNIA 94404						
ATTORNEY DOCKET NUMBER:	746.PF						
NAME OF SUBMITTER:	JOEL B. SILVER						
Signature:	/Joel B. Silver, Reg. No. 53,866/						
Date:	03/06/2014						

Total Attachments: 6

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CONFIRMATION OF ASSIGNMENT

This assignment is by:

1. Eric DOWDY
c/o Gilead Sciences, Inc.
333 Lakeside Drive
Foster City, California 94404
2. Steven PFEIFFER
741 Sterling Hills drive
Camarillo, California 93010

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Gilead Sciences, Inc.
Address: 333 Lakeside Drive, Foster City, California 94404
A corporation duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee").

Whereas, Assignors transferred ownership and sold their entire right, title and interest in and to the invention or improvements disclosed in U.S. Provisional Patent Application Serial No. 61/263,564 filed September 11, 2007 and entitled PROCESS AND INTERMEDIATES FOR PREPARING INTEGRASE INHIBITORS to Assignee, and whereas Assignors conveyed to Assignee the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application 61/263,564, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, including all rights in and to PCT Application No. PCT/US08/76002 filed September 11, 2008, and all Letters Patent of foreign countries which may be granted therefrom.

Whereas, Assignors transferred ownership and sold their entire right, title and interest in and to the invention or improvements disclosed in U.S. Application Serial No. 12/208,952 filed September 11, 2008 and entitled PROCESS AND INTERMEDIATES FOR PREPARING INTEGRASE INHIBITORS to Assignee, and whereas, Assignors conveyed to Assignee the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application 12/208,952, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, including all rights in and to PCT Application No. PCT/US08/76002 filed September 11, 2008, and all Letters Patent of foreign countries which may be granted therefrom.

Whereas, Assignor and Assignee desire to memorialize the transfer of Assignors' right, title and interest to the inventions or improvements disclosed in U.S. Provisional Patent Application 61/263,564 and U.S. Patent Application 12/208,952 and related rights to Assignee, including without limitation assignment of rights in and to the following U.S. Patent Applications filed in the United States of America:

Serial No.: 12/676,553, now U.S. Patent No. 8,153,801	Filing Date: September 11, 2008
Serial No.: 13/413,518, now U.S. Patent No. 8,440,831	Filing Date: March 6, 2012
Serial No.: 13/868,836	Filing Date: April 23, 2013

and in and to PCT Application No. PCT/US08/76002 filed September 11, 2008.

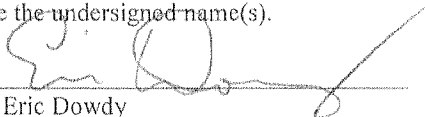
Now, therefore, this confirmation of assignment hereby confirms that pursuant to the Assignments dated December 2, 2008, January 30, 2008 and January 31, 2008 with regard to the inventions or improvements disclosed in U.S. Provisional Application No. 61/263,564 and U.S. Application No. 12/208,952, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby confirm that Assignors have or hereby do sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, their entire right, title and interest in and to the above-mentioned inventions, applications for letters patent (including without limitation U.S. Application Serial Nos. 12/676,553, 13/413,518 and 13/868,836 and PCT Application No. PCT/US08/76002), and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said applications, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had Assignors' sale and assignment not been made.
2. Assignors hereby confirm that they have and hereby do represent, warrant and covenant that, at the time of execution and delivery of the Assignments dated December 2, 2008, January 30, 2008 and January 31, 2008 with regard to the inventions or improvements disclosed in U.S. Provisional Application No. 61/263,564 and U.S. Application No. 12/208,952, Assignors were the sole and lawful owners of their entire right, title and interest in and to said inventions and said application for letters patent, 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 set forth in this agreement.
3. Assignors hereby confirm that they shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
4. Assignors hereby confirm that they have and hereby do authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, 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."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 3/4/14

Signature: 
Eric Dowdy

Date: _____

Signature: _____
Steven Pfeiffer

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c/o Gilead Sciences, Inc.
333 Lakeside Drive
Foster City, California 94404
2. Steven PFEIFFER
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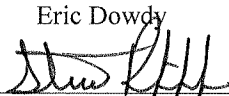
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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: _____

Signature: _____

Date: 3/5/14

Eric Dowdy
Signature: 
Steven Pfeiffer