

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Ahmad Hashash</td> <td>08/08/2013</td> </tr> <tr> <td>Scott A. Wolckenhauer</td> <td>08/21/2013</td> </tr> <tr> <td>Bing Shi</td> <td>08/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ahmad Hashash	08/08/2013	Scott A. Wolckenhauer	08/21/2013	Bing Shi	08/21/2013		
Name	Execution Date										
Ahmad Hashash	08/08/2013										
Scott A. Wolckenhauer	08/21/2013										
Bing Shi	08/21/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Gilead Sciences, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>333 Lakeside Drive</td> </tr> <tr> <td>City:</td> <td>Foster City</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94404</td> </tr> </table>		Name:	Gilead Sciences, Inc.	Street Address:	333 Lakeside Drive	City:	Foster City	State/Country:	CALIFORNIA	Postal Code:	94404
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>Application Number:</td> <td>13800991</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13800991						
Property Type	Number										
Application Number:	13800991										
CORRESPONDENCE DATA											
Fax Number: 6505225575 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 650-522-4284 Email: Lisa.Naranjo@gilead.com Correspondent Name: Gilead Sciences, Inc. Address Line 1: 333 Lakeside Drive Address Line 4: Foster City, CALIFORNIA 94404											
ATTORNEY DOCKET NUMBER:	920.PC										
NAME OF SUBMITTER:	Mary J. Edwards										
Signature:	/Mary J. Edwards, Reg. No. 55,140/										
Date:	08/28/2013										

CH \$40.00 13800991

Total Attachments: 6

source=920.PC Signed Assignment A. Hashash#page1.tif

source=920.PC Signed Assignment A. Hashash#page2.tif

source=920.PC Signed Assignment A. Hashash#page3.tif

source=920.PC Signed Assignment#page1.tif

source=920.PC Signed Assignment#page2.tif

source=920.PC Signed Assignment#page3.tif

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Scott A. Wolckenhauer and Bing Shi located at c/o Gilead Sciences, Inc.; 333 Lakeside Drive, Foster City, California 94404 USA and Ahmad Hashash located at 17 Candlewood Way, Shrewsbury, Massachusetts 01545 USA (all of whom are hereinafter referred to as Assignors); respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SOLID FORMS OF AN ANTIVIRAL COMPOUND, set forth in a Patent application for Letters Patent of the United States, already filed on March 13, 2013 as U.S. Application No. 13/800,991; 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 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 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: August 8, 2013 Signature: 
Ahmad Hashash

Date: _____ Signature: _____
Scott A. Wolckenhauer

Date: _____ Signature: _____
Bing Shi

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Scott A. Wolckenhauer and Bing Shi located at c/o Gilead Sciences, Inc.; 333 Lakeside Drive, Foster City, California 94404 USA and Ahmad Hashash located at 17 Candlewood Way, Shrewsbury, Massachusetts 01545 USA (all of whom are hereinafter referred to as Assignors); respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SOLID FORMS OF AN ANTIVIRAL COMPOUND, set forth in a Patent application for Letters Patent of the United States, already filed on March 13, 2013 as U.S. Application No. 13/800,991; 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 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 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: _____

Signature: _____

Ahmad Hashash

Date: 08/21/2013

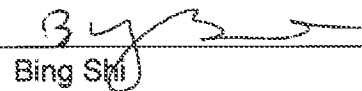
Signature: _____



Scott A. Wolckenhauer

Date: 08/21/2013

Signature: _____



Bing Shi