503089986 12/08/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3136591

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	ТА				
			Name		Execution Date
RICHARD POLNIASZEK					05/03/2010
STEVEN PFEIFFER					05/10/2010
RICHARD YU					05/03/2010
AARON CULLEN					05/03/2010
ERIC DOWDY					05/03/2010
DUONG TRAN					04/27/2010
KENNETH KENT					05/03/2010
ZHONGXIN ZHOU					05/03/2010
DOUG CORDEAU					05/03/2010
LEAH EASTON					05/03/2010
RECEIVING PARTY DAT	· ^				
			ENCES, INC.		
Street Address:			DE DRIVE		
City:	FOSTER CITY				
State/Country:	CALIFORNIA				
Postal Code:	94404				
PROPERTY NUMBERS	Fotal: 1				
Property Type			Number		
Application Number:		14476	6622		
CORRESPONDENCE DA Fax Number:		(650)	522-5575		
		• •	e-mail address first; if that is u	nsud	ccessful. it will be sent
using a fax number, if p	rovided	i; if th	at is unsuccessful, it will be s		
Phone:			74-3000		
Email: Correspondent Name:			edo@gilead.com AD SCIENCES., INC.		
Address Line 1:			AKESIDE DRIVE		
Address Line 4:			ER CITY, CALIFORNIA 94404		
			-		
	MRFK:		775.PCD2		
NAME OF SUBMITTER:			JOEL B. SILVER		

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REEL: 034422 FRAME: 0662

SIGNATURE:	/Joel B. Silver, Reg., No. 53,866/		
DATE SIGNED:	12/08/2014		
Total Attachments: 12			
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ASSIGNMENT

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WHEREAS, We, <u>Richard Poliniaszek</u>. <u>Steven Pfeiffer</u>, <u>Richard Yu</u>, <u>Aaron Cullen</u>, <u>Eric Dowdy</u>, <u>Duong Tran</u>, <u>Kenneth Kent</u>, <u>Zhongxin Zhou</u>, <u>Doug Cordeau</u> and <u>Leah Easton</u>, made certain new and useful inventions and improvements for which we filed a patent application in the United States on <u>April 1, 2010</u>, which application was assigned U.S. patent application serial number <u>12/752,639</u>.

AND WHEREAS, <u>GILEAD SCIENCES</u>, INC., a corporation organized and existing under and by virtue of the laws of the state of <u>Delaware</u> having an office and place of business at <u>333 Lakeside Drive</u>, Foster City, <u>California 94404</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigne, our entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to, supplementary protection certificates, and to any and all Letters Patents and any related patent term extensions that may be granted for said Letters Patents with respect to the applications; all of the above to be held by Assignee as fully and entirely as the same would have been held by us had this Assignment not been made.

Docket No: 01692.369US1 Serial No.: 12/752,639 Filing Date : April 1, 2010 Page 2 of 4 ſ

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of <u>May</u>, 2010. Richard Poliniaszek Richard Poliniaszek POLNIASZEK IN TESTIMONY WHEREOF, I have bereunto set my hand this 10 day of <u>May</u>, 2010.

Steven Pfeiffer

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of
May, 2010.
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Field M
Richard Yu U
IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>3</u> day of <u>Mun</u> , 2010.
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Aaron Culler
Aaron Cunger-
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of
May , 2010. 2- Q-
Eric Dowdy
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IN TESTIMONY WHEREOF, I have hereunto set my hand this day of
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Duong Tran
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May ,2010.
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length m. let
Kenneth Kent
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of
,2010.

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Zhongxin Zhou

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<u> </u>	, 2010.	
	TIMONY WHEREOF, I have hereunto set my hand this <u>3</u> day of	×
	have and	

Leah Easton

ASSIGNMENT

WHEREAS, We, <u>Richard Poliniaszek</u>, <u>Steven Pfeiffer</u>, <u>Richard Yu</u>, <u>Aaron Cullen</u>, <u>Eric Dowdy</u>, <u>Duong Tran</u>, <u>Kenneth Kent</u>, <u>Zhongxin Zhou</u>, <u>Doug Cordeau</u> and <u>Leah Easton</u>, made certain new and useful inventions and improvements for which we filed a patent application in the United States on <u>April 1, 2010</u>, which application was assigned U.S. patent application serial number <u>12/752,639</u>.

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Richard Poliniaszek

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Steven Pfeiffer

	HEREOF, I have hereunto set my hand this day of
, 2010.	
	Richard Yu
IN TESTIMONY W , 2010.	HEREOF, I have hereunto set my hand this day of
	Aaron Cullen
IN TESTIMONY W	HEREOF, I have hereunto set my hand this day of
	Eric Dowdy
IN TESTIMONY W	HEREOF, I have hereunto set my hand this day of
	Duong Tran
IN TESTIMONY W , 2010.	HEREOF, I have hereunto set my hand this day of
	Kenneth Kent
IN TESTIMONY W	HEREOF, I have hereunto set my hand this $3 \sqrt{2} \sqrt{2}$ day of
4	Min
	Zhongxin/Zhou

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

 $\sum_{i=1}^{n}$

Doug Cordeau

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Leah Easton

ASSIGNMENT

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Richard Poliniaszek

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2010.

Steven Pfeiffer

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IN TESTIMON , 20	Y WHEREOF, I have hereunto set my hand this day of 10.
	Richard Yu
IN TESTIMON , 20	Y WHEREOF, I have hereunto set my hand this day of 10.
	Aaron Cullen
IN TESTIMON , 20	Y WHEREOF, I have hereunto set my hand this day of 010.
	Eric Dowdy
IN TESTIMON April 20	Y WHEREOF, I have hereunto set my hand this <u>27</u> day of)10.
	Duong Tran
IN TESTIMON	Y WHEREOF, I have hereunto set my hand this day of 010.
	Kenneth Kent
IN TESTIMON	Y WHEREOF, I have hereunto set my hand this day of 010.

Zhongxin Zhou

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

ſ.

_____, 2010.

Doug Cordeau

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 2010.

Leah Easton

RECORDED: 12/08/2014