505293635 01/24/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5340412

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Date		
GILEAD SCIENCES, I	NC.		04/11/2014		
	ΑΤΑ				
Name:		PHARMASSET LLC			
Street Address:	333 LAI	ESIDE DRIVE			
City:	FOSTE	RCITY			
State/Country:	CALIFC	RNIA			
Postal Code:	94404				
	•				
			_		
Property Typ		Number	_		
Application Number:		6158204			
CORRESPONDENCE	DATA				
Fax Number:		650)522-5575			
		the e-mail address first; if that is u ; if that is unsuccessful, it will be so			
Phone:		-1 (650) 522-4279	50) 522-4279		
Email:		elsey.fajilan@gilead.com			
Correspondent Name		GILEAD SCIENCES, INC.			
		333 LAKESIDE DRIVE			
Address Line 4:		FOSTER CITY, CALIFORNIA 94404			
ATTORNEY DOCKET	NUMBER:	852.FCIPC4	852.FCIPC4		
NAME OF SUBMITTER	R:	TIMOTHY A. MARQUART	TIMOTHY A. MARQUART		
BIGNATURE:		/Timothy A. Marquart, Reg. No.	/Timothy A. Marquart, Reg. No. 63,700/		
DATE SIGNED:		01/24/2019	01/24/2019		
Total Attachments: 4					
	_	GSI to GPharm Signed Assignment#p	•		
	_	GSI to GPharm Signed Assignment#p	0		
			0.11		
—	_	GSI to GPharm Signed Assignment#p GSI to GPharm Signed Assignment#p	•		

ASSIGNMENT

This ASSIGNMENT is made BETWEEN Gilead Sciences, Inc., of 333 Lakeside Drive, Foster City, California 94404, (hereinafter "Assignor") and Gilead Pharmasset LLC, a Limited Liability Company 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 singly and collectively as "Assignee").

WHEREAS

A) The ASSIGNOR was the legal owner of the Patents or Patent Applications, as well as the inventions set forth therein, in the United States and all foreign countries, listed in Exhibit A.

B) The ASSIGNEE was desirous of acquiring the full and exclusive right, title and interest in and to said Patents or Patent Applications, as well as the inventions set forth therein, in the United States and all foreign countries, listed in Exhibit A.

IT IS HEREBY CONFIRMED that the ASSIGNOR assigned to the ASSIGNEE all its right, title and interest in and to said inventions for U.S. and all foreign countries, and in and to said Patents and Patent Applications listed in Exhibit A, including any and all priority applications, divisional, continuation, continuation-in-part, reissue or extensions thereof, to be held and enjoyed by Assignee for its own use as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made, by virtue of an agreement between ASSIGNOR and ASSIGNEE dated as of December 16, 2013 (the "GS-5885 & 5816 Assignment Agreement"). This ASSIGNMENT is merely confirmatory and made pursuant to the GS-5885 & 5816 Assignment Agreement.

[Signature Pages Follow]

Executed this <u>I</u> day of <u>APRIC</u> , 2014.	
	1Gu
	Signature
4	J. Elin Hartrum
	Name
	Associate General Counsel, Intellectual Property
-	Title
	for
	GILEAD SCIENCES, INC.
	333 Lakeside Drive Foster City, California 94404
State of California	(ASSIGNOR)
County of San Mateo)	, , , , , , , , , , , , , , , , , , ,
On April 11. 2014 before me,	S. Brennan, Notary Public
(date)	(insert name and title of the officer)
personally appeared <u>J. Elin</u> Hart	wm
(r	name(s) of signer(s))

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

vennan (Seal) Signature



Executed this <u>a</u> day of <u>APRIL</u> , 2014	4.			
	19-0c			
	Signature			
	J. Elin Hartrum			
	Name			
	Associate General Counsel, Intellectual Property			
	Title			
	for			
	GILEAD PHARMASSET LLC 333 Lakeside Drive			
	Foster City, California 94404			
State of California County of <u>San Mateo</u>	(ASSIGNEE)			
On <u>April 11, 2014</u> before me,	S. Brennan, Notary Public			
(date)	(insert name and title of the officer)			
personally appeared <u>J.Elin Harty</u>	UM .			
(name(s) of signer(s))				

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Svennan (Seal) Signature



SMRH:419477620.1

PATENT REEL: 048121 FRAME: 0644

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Application No.	File Date	Title	Confirmation No.
15/207,415	July 11, 2016	ANTIVIRAL COMPOUNDS	5407

RECORDED: 01/24/2019