504979193 06/27/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
TOMAS CIHLAR	06/12/2018
JOSHUA GOLDSMITH	06/11/2018
CRAIG S PACE	06/11/2018
DEREK DEAN SLOAN	06/09/2018
HEATHER THERESA STEPHENSON	06/12/2018
NATHAN D THOMSEN	06/11/2018
GEORGE KUKOLJ	06/12/2018
DOUG REHDER	06/11/2018

RECEIVING PARTY DATA

Name:	GILEAD SCIENCES, INC.	
Street Address:	333 LAKESIDE DRIVE	
City:	FOSTER CITY	
State/Country:	e/Country: CALIFORNIA	
Postal Code:	94404	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16014153
PCT Number:	US1838760

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1218.PC-PF
NAME OF SUBMITTER:	YU-MING DAMMANN

PATENT 504979193 REEL: 046211 FRAME: 0582

SIGNATURE:	/Yu-Ming Dammann, Reg. No. 58,445/		
DATE SIGNED:	06/27/2018		
Total Attachments: 10			
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PATENT REEL: 046211 FRAME: 0583

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Tomas Cihlar; Joshua Goldsmith; Craig S. Pace; Heather Theresa Stephenson; Nathan D. Thomsen; and Doug Rehder (hereinafter referred to as Assignors), who reside at or have a mailing address at c/o Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, California 94404, George Kukolj who resides at 20 2nd Street, Unit 226, Cambridge, MA 02141 and Derek Dean Sloan who resides at 2911 San Juan Blvd., Belmont, CA 94002; respectively;

WHEREAS, Assignors have invented certain new and useful improvements in MULTISPECIFIC ANTIBODIES THAT TARGET HIV GP120 AND A SECOND ANTIGEN, set forth in a Patent application for Letters Patent of the United States, for which Assignors have filed an application for patent both under the Patent Cooperation Treaty (PCT) and in the United States of America concurrently herewith. Where this Assignment is not filed concurrently with the application, the following identifying information may be added after execution:

U.S. Serial No.: _	16/014/153	_Filing Date:	June 21, 2018
_			
PCT Serial No.:	PCT/US2018/38760	Filing Date:	June 21, 2018

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 applications for Letters Patent, and in and to any and all direct and indirect provisionals, national stage applications, divisions, continuations, continuations-in-part, substitutions, and reissues 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.

I hereby grant Assignee(s), 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.

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Date:	6/12/18	Signature:	Tomas Cibrar
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Date:		Signature:	Joshua Goldsmith
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Date:		Signature:	Craig S. Pace
Date:		Sionature	
		2. 18. 12. 13. 2. 1	Derek Dean Sloan
Date:		Signature:	Heather Theresa Stephenson
			Heather Theresa Stephenson
Date:		Signature:	3 Y . 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
			Nathan D. Thomsen
Date:		Signature:	George Kukolj
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		Tomas Cihlar
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Date:	Signature:	Heather Theresa Stephenson
Date:	Signature:	
Date:	Signature:	George Kukolj

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			Tomas Cihlar
Date:			Joshua Goldsmith
Date:	6-11-18	Signature:	Craig S. Pace
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Date:	Signature:	Tomas Cihlar
Date:	Signature:	Joshua Goldsmith
Date:	Signature:	Craig S. Pace
Date: 06/09/18	Signature:	Derek Dean Sloan
Date:	Signature:	Heather Theresa Stephenson
Date:	Signature:	Nathan D. Thomsen
Date:	Signature:	George Kukolj

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Date:		Signature:	
			Tomas Cihlar
Date:	···············	Signature:	Joshua Goldsmith
Date:		Signature:	Craig S. Pace
Date:		Signature:	Derek Dean Sloan
Date:	00/12/2018	Signature:	Heather Theresa Stephenson
Date:		Signature:	Nathan D. Thomsen
Date:		Signature:	George Kukolj

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Date:	Signature:	Joshua Goldsmith
Date:	Signature:	Craig S. Pace
Date:	Signature:	Derek Dean Sloan
Date:	Signature:	Heather Theresa Stephenson
Date: <u>6////8</u>	Signature: _	Nathan D. Thomsen
Date:	Signature: _	George Kukolj

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Date:		Signature:		
			Tomas Cihlar	
Date:		Signature:	Joshua Goldsmith	
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Date:		Signature:	Craig S. Pace	
			Craig S. Pace	
Date:		Signature:		
			Derek Dean Sloan	
Date:		Signature:	Heather Theresa Stephe	
			Heather Theresa Stephe	nson
Date:		Signature:	Nathan D. Thomsen	
			Nathan D. Thomsen	
			George Kukolj	
Date:	12 June 2016	Signature:	Some con	
			George Kukolj	

Date: 06/11/2018

Signature:

Doug Rehder

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PATENT REEL: 046211 FRAME: 0593