PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5023084

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER A. LUCKHURST	04/26/2018
DANIEL R. ALLEN	05/02/2018
GILLES RAPHY	04/27/2018
ROLAND W. BÜRLI	04/27/2018
PERLA BRECCIA	05/02/2018
ALAN F. HAUGHAN	05/02/2018
GRANT WISHART	05/02/2018
SAMANTHA J. HUGHES	05/04/2018
REBECCA E. JARVIS	04/27/2018
HUW D. VATER	05/02/2018
STEPHEN D. PENROSE	05/02/2018
MICHAEL WALL	05/01/2018
ANDREW J. STOTT	05/02/2018
ELIZABETH A. SAVILLE-STONES	05/02/2018

RECEIVING PARTY DATA

Name:	CHARLES RIVER DISCOVERY RESEARCH SERVICES UK LIMITED
Street Address:	CHESTERFORD RESEARCH PARK
City:	CAMBRIDGE
State/Country:	UNITED KINGDOM
Postal Code:	CB10 1XL

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2015033511

CORRESPONDENCE DATA

Fax Number: (415)434-3947

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (650) 815-2600

Email: asanchez@sheppardmullin.com

PATENT REEL: 046427 FRAME: 0694

504976338

Correspondent Name: SHEPPARD MULLIN RICHTER & HAMPTON LLP Address Line 1: FOUR EMBARCADERO CENTER, 17TH FLOOR

Address Line 4: SAN FRANCISCO, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER:	226847-US
NAME OF SUBMITTER:	JOY LYNN NEMIROW, REG. NO. 67,163
SIGNATURE:	/Joy Lynn Nemirow/
DATE SIGNED:	06/25/2018

Total Attachments: 8

source=226847-US Assignment from Inventors to C River#page1.tif source=226847-US Assignment from Inventors to C River#page2.tif source=226847-US Assignment from Inventors to C River#page3.tif source=226847-US Assignment from Inventors to C River#page4.tif source=226847-US Assignment from Inventors to C River#page5.tif source=226847-US Assignment from Inventors to C River#page6.tif source=226847-US Assignment from Inventors to C River#page7.tif source=226847-US Assignment from Inventors to C River#page8.tif

PATENT REEL: 046427 FRAME: 0695

ASSIGNMENT - WORLDWIDE

This ASSIGNMENT is made by and between each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") and Charles River Discovery Research Services UK Limited, Chesterford Research Park, CB10 1XL, United Kingdom ("ASSIGNEE").

WHEREAS, Assignor has invented certain new and useful improvements in "HISTONE DEACETYLASE INHIBITORS AND COMPOSITIONS AND METHODS OF USE THEREOF" set forth in PCT/US2015/033511, filed June 1, 2015 and United States Patent Application No. 15/315,713, filed December 1, 2016 (hereinafter referred to singly and collectively as the "Assigned Patent Application"); and

WHEREAS BioFocus DPI Limited formally changed its name to Charles River Discovery Research Services UK Limited as of March 1, 2017.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto Assignee and its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to the Assigned Patent Application as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the aboveidentified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, (e) all post-grant proceedings including but not limited to post-grant review, ex parte reexamination and inter partes review, and (f) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY GRANTS ASSIGNEE the right to sue for past, present and future infringement, and the right to collect and receive any damages, royalties, or settlement for such past, present and future infringements and any and all causes of action relating to any of the inventions or discoveries described in this invention.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

....

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Sheppard Mullin Richter & Hampton LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Sheppard Mullin Richter & Hampton LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

ASSIGNOR/INVENTOR(S):	Signature: 4
	Name: Christopher A. Luckhurst
	Date: 26th Arkil 2018
Witnesses:	
Signature:	Signature:
Name:	Name:
Address:	Address:
	Signature: SX
	Name: Daniel R. Allen
	Date: 02 17 44 2018
Witnesses:	
Signature:	Signature:
Name:	Name:
Address:	Address:

-2-

	Signature: Raphy Name: Gilles Raphy	
	Name: Gilles Raphy	
	Date:27 Apr 2018	
Witnesses:		
Signature:		
Name:		
Address:	Address:	
	Signature:	
	Name: Roland W. Bürli	
	Date:	
Witnesses:		
Signature:	Signature:	
Name:	Name:	
Address:	Address:	
	Signature;	
	Name: Perla Breccia	
	Date;	
Witnesses:		
Signature:	Signature:	
Name:	Name:	
Address:	Address:	

	Signature:
	Name: Gilles Raphy
	Date:
Witnesses:	
Signature:	Signature:
Name:	Name:
Address:	Address:
	Signature: ZDZ
	Name: Roland W. Bürli
	Date: 27/4/2018
Witnesses: Signature:	er en
Signature:	Signature:
Name: O.C. CLOWNER	Signature: Name: Tongua SANCE
Address: 27/4/2018	Address: 10 Chilosop Cand
18 1955 ST CB 1 38X	CBATOLA Cambridge
	Signature: PoloPer
	Name: Perla Breccia
	Date: 02 May 2018
Witnesses:	
Signature:	Signature:
Name:	Name:
Address:	Address:

Atty. Dkt. No. 49DX-226847-US

	Date: 2 MAY 2018.
Witnesses:	
Signature:	Signature:
Name:	
Address:	
	Signature:
	Name: Grant Wishart
	Date: 2 114/ 2018
Witnesses:	
Signature:	Signature:
Name:	Name:
Address:	Address:
	manufaction of the same of the
	Signature: _=====:
	Name: Samantha J. Hughes
	Date: 4/5/2017
Witnesses:	
Signature:	Signature:
Vame:	Name:
Address:	Address:

Name: Alan F. Haughan

Atty. Dkt. No. 49DX-226847-US

	Signature:	Rffais	
	Name: Rebecca	a E. Jarvis	
	Date: 27	April 2015	
Witnesses:			
Signature:		Signature:	
Name: <u>0.C. CROUTHERZ</u>	:	Name: Tangua JANSER	
Address: <u>2742018</u>		Address: 10 Chelward Road (1319)	CX: Contrida
18 ROSS ST			
CB13BX	Signature:	Ween	
	Name: Huw D.	Vater	
	Date: 52	9105 Yam	
Witnesses:			
Signature:		Signature:	
Name:		Name:	
Address:		Address:	
	Signature:		
	Name: Stephen	D. Penrose	
	Date: 02 WA	1 2618	
Witnesses:			
Q'areno trapia		Simatoria	
Signature:		Signature:	*
Name:		Name:	
Address:		Address:	

Atty. Dkt. No. 49DX-226847-US

Witnesses: Signature: Name: Address:	
Witnesses:	Signature: Name: Andrew I Stott Date: 24318
Signature: Name: Address:	Signature: Name: Address:
	Signature: ESavilla - Hones Name: Elizabeth A. Saville-Stones Date: 2 May 2018
Witnesses:	
Signature:	Signature:
Name:	Name:
Address:	Address:

~65~

ASSIGNEE:

Charles River Discovery Research Services UK Limited

Signature:

Name: Jackie Macritchie

Title: Director

Witnesses:

Signature:

Name: SARAN PRICE
Address: Cheskejard Research Park

C810 18L