505449500 04/29/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5496301

Corrective Assignment to correct the NAME OF ASSIGNEE FROM "THE CITY UNIVERSITY OF NEW YORK" TO "RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK" AND ADDRESS previously recorded on Reel 045909 Frame 0506. Assignor(s) hereby confirms the RYAN MURELLI'S ENTIRE RIGHT TITLE AND INTEREST IN PATENT APPLICATION AND TO ANY AND ALL IMPROVEMENTS IN APPLICATION.	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	NATURE OF CONVEYANCE:	CITY UNIVERSITY OF NEW YORK" TO "RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK" AND ADDRESS previously recorded on Reel 045909 Frame 0506. Assignor(s) hereby confirms the RYAN MURELLI'S ENTIRE RIGHT TITLE AND INTEREST IN PATENT APPLICATION AND TO ANY AND ALL IMPROVEMENTS IN

CONVEYING PARTY DATA

Name	Execution Date
RYAN P. MURELLI	08/01/2016

RECEIVING PARTY DATA

Name:	RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK
Street Address:	230 WEST 41ST STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10036

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15735195

CORRESPONDENCE DATA

Fax Number: (512)334-2999

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.

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Correspondent Name: PARKER HIGHLANDER PLLC Address Line 1: 1120 S. CAPITAL OF TEXAS HWY.

Address Line 2: **BUILDING ONE, SUITE 200** AUSTIN, TEXAS 78746 Address Line 4:

ATTORNEY DOCKET NUMBER:	USTL.P0062US
NAME OF SUBMITTER:	JENNIFER NORMAN-WOLFE
SIGNATURE:	/Jennifer Norman-Wolfe/
DATE SIGNED:	04/29/2019

Total Attachments: 4

PATENT REEL: 049016 FRAME: 0336

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE: ASSIGNMENT					
CONVEYING PARTY	Z DATA	***************************************			
		Nar	ne	Execution Date	
RYAN P. MURELLI				08/01/2016	
RECEIVING PARTY	DATA				
Name:	THE CITY U	NIVERS	ITY OF NEW YORK		
Street Address:	555 WEST 57	***************************************			
Internal Address:	SUITE 1407				
City:	NEW YORK	***************************************			
State/Country:	NEW YORK				
Postal Code:	10019	***************************************			
Property Type Number Application Number: 15735195		95			
Application Number:		157351	95		
CORRESPONDENCE	E DATA				
Fax Number:)334-2999			
Phone: Email:		334-2900			
Correspondence will be sen	t to the e-mail addr	nan@phip <i>ess first; ij</i>	taw.com f that is unsuccessful, it will be sent using a fax numb		
	t wia IIC Mail			er, if provided; if that is	
		KER HIG	HI ANDER DI I C	er, if provided; if that is	
Correspondent Name:	PAR		HLANDER PLLC CAL OF TEXAS HWY.	er, if provided; if that is	
Correspondent Name: Address Line 1: Address Line 2:	PAR 1120 BUII	S. CAPIT LDING O	TAL OF TEXAS HWY. NE, SUITE 200	er, if provided; if that is	
Correspondent Name: Address Line 1: Address Line 2:	PAR 1120 BUII	S. CAPIT LDING O	CAL OF TEXAS HWY.	er, if provided; if that is	
Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	PAR 1120 BUI AUS	S. CAPIT LDING O	TAL OF TEXAS HWY. NE, SUITE 200	er, if provided; if that is	
Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKE	PAR 1120 BUII AUS T NUMBER:	S. CAPIT LDING O	CAL OF TEXAS HWY. NE, SUITE 200 KAS 78746	er, if provided; if that is	
unsuccessful, it will be sent Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKE NAME OF SUBMITT	PAR 1120 BUII AUS T NUMBER:	S. CAPIT LDING O	TAL OF TEXAS HWY. NE, SUITE 200 KAS 78746 USTL.P0062US (1 OF 2)	er, if provided; if that is	
Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKE	PAR 1120 BUII AUS T NUMBER:	S. CAPIT LDING O	TAL OF TEXAS HWY. NE, SUITE 200 KAS 78746 USTL.P0062US (1 OF 2) JENNIFER NORMAN-WOLFE	er, if provided; if that is	

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RECEIPT INFORMATION

EPAS ID: PAT4909574 **Receipt Date:** 04/11/2018

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FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby: Initials: Date: \(\frac{\psi_1}{2019}\)

SELL, ASSIGN AND TRANSFER to The City University of New York (the "Assignce"), having a place of business in 555 West 57th Street, Sinte 1407, New York, New 230 West York 10019, their entire right, title and interest for the United States and all foreign countries in 41st street, and to any and all improvements which are disclosed in International Patent Application Serial New York, No. PCT/US2016/036914, which has been filed on June 10, 2016, which claims priority to U.S. NY 10036, Provisional Application Serial No. 62 174,350, which has been filed on June 11, 2015 and U.S. Provisional Application Serial No. 62 309,266, which has been filed on March 16, 2016, and is Date: Will kelf emided "HYDROXYLATED TROPOLONE INHIBITORS OF NUCLEOTIBYI. TRANSFERASES IN HERPESVIRUS AND HEPATITIS B AND USES THEREFOR," such application and all conversion to non-provisional divisional, continuing, substitute. renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to tile foreign applications under the provisions of any convention or meany and claim priority based on such application in the United

Initials: 1M

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

Signature 19 Millociti

Name Ryan P MURELLI

STAJE OF <u>Vew York</u>

BEFORE ME, the undersigned authority, on this / day of // day of // personally appeared Ryan P. MURELLI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]

Novery or Consular อาท์เดอา

VIRGINIA M. ALONSO NOTARY FUBLIC-STATE OF NEW YORK NO. 01AL5050415 Qualified in Kings County My Commission Espires January 31, 2019

Date: 8-1-2016

PARKER HIGHLANDER PLLC 1120 S. Capital of Texas Highway Building One, State 200 Austin, TX 78746

(99)348889)

PCT/US2016/036914