505928402 02/21/2020

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| OTTAVIO ARANCIO | 09/06/2016 |
| SHIXIAN DENG | 09/28/2016 |
| DONALD W LANDRY | 09/27/2016 |
| JOLE FIORITO | 09/06/2016 |
| ROSA PURGATORIO | 09/03/2016 |
| OWEN ANTHONY O'CONNOR | 09/30/2016 |
| JENNIFER EFFIE AMENGUAL | 09/30/2016 |

RECEIVING PARTY DATA

| Name: | THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK |
|-----------------|---|
| Street Address: | 412 LOW MEMORIAL LIBRARY, 535 WEST 116TH STREET |
| City: | NEW YORK |
| State/Country: | NEW YORK |
| Postal Code: | 10027 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16700693 | |

CORRESPONDENCE DATA

| NAME OF SUBMITTER: BECKY DOUGLAS SIGNATURE: /Becky Douglas/ | Fax Number: (617) | | 526-5000 | | |
|--|-------------------------|------------------------------|------------------|--|--|
| Email:becky.douglas@wilmerhale.comCorrespondent Name:BECKY DOUGLAS / WILMERHALEAddress Line 1:60 STATE STREETAddress Line 4:BOSTON, MASSACHUSETTS 02109ATTORNEY DOCKET NUMBER:0019240.01059US5NAME OF SUBMITTER:BECKY DOUGLASSIGNATURE:/Becky Douglas/ | | | | | |
| Correspondent Name:BECKY DOUGLAS / WILMERHALEAddress Line 1:60 STATE STREETAddress Line 4:BOSTON, MASSACHUSETTS 02109ATTORNEY DOCKET NUMBER:0019240.01059US5NAME OF SUBMITTER:BECKY DOUGLASSIGNATURE:/Becky Douglas/ | Phone: | 617-5 | 26-6000 | | |
| Address Line 1:60 STATE STREETAddress Line 4:BOSTON, MASSACHUSETTS 02109ATTORNEY DOCKET NUMBER:0019240.01059US5NAME OF SUBMITTER:BECKY DOUGLASSIGNATURE:/Becky Douglas/ | Email: | becky.douglas@wilmerhale.com | | | |
| Address Line 4:BOSTON, MASSACHUSETTS 02109ATTORNEY DOCKET NUMBER:0019240.01059US5NAME OF SUBMITTER:BECKY DOUGLASSIGNATURE:/Becky Douglas/ | Correspondent Name: | BECKY DOUGLAS / WILMERHALE | | | |
| ATTORNEY DOCKET NUMBER: 0019240.01059US5 NAME OF SUBMITTER: BECKY DOUGLAS SIGNATURE: /Becky Douglas/ | Address Line 1: | 60 STATE STREET | | | |
| NAME OF SUBMITTER: BECKY DOUGLAS SIGNATURE: /Becky Douglas/ | Address Line 4: | BOSTON, MASSACHUSETTS 02109 | | | |
| SIGNATURE: /Becky Douglas/ | ATTORNEY DOCKET NUMBER: | | 0019240.01059US5 | | |
| | NAME OF SUBMITTER: | | BECKY DOUGLAS | | |
| DATE SIGNED: 02/21/2020 | SIGNATURE: | | /Becky Douglas/ | | |
| | DATE SIGNED: | | 02/21/2020 | | |

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PATENT REEL: 051885 FRAME: 0660

Total Attachments: 9

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ASSIGNMENT

WHEREAS, the undersigned, to wit:

Ottavio ARANCIO residing at 2700 Broadway, Apt. 5H, New York, New York 10025; Shixian DENG residing at 34 Ogden Avenue, White Plains, New York 10605; Donald W. LANDRY residing at 29 Claremont Avenue, New York, New York 10027; Jole FIORITO residing at 570 Isham Street, Apt. 4C, New York, New York 100345 134 85800 Rosa PURGATORIO residing at 390 Fort Washington Avenue, Apt. 5F, New York, Apt. 3 AL allolo JE 11201

New York-10033; VIA NITTO DE ROSSI, 11-70123-BARI-ITALY 09/03/16 RP Owen Anthony O'CONNOR residing at 2 Montgomery Road, Scarsdale, New York 10583;

Jennifer Effie AMENGUAL residing at 20 Robin Hill Road, Scarsdale, New York 10583

(hereinafter collectively ASSIGNORS), have made a certain new and useful invention as set forth in an applications for United States Letters Patent, entitled:

"HISTONE ACETYLTRANSFERASE ACTIVATORS AND USES THEREOF"

| (a) | x which wa | US15/23258 | | |
|-----|------------|---------------------------|------------------------|------------|
| | on | March 30, 2015 | | 50 |
| (b) | x which wa | s filed as US Provisional | Patent Application No. | 62/023,715 |
| | on | July 11, 2014 | | |
| (c) | x which wa | s filed as US Provisional | Patent Application No. | 61/972,571 |
| | on | March 30, 2014 | | |

AND WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter ASSIGNEE), a corporation organized and existing under the laws of the State of New York, and having its principal place of business at 412 Low Memorial Library, 535 West 116th Street, New York, New York 10027, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, including the right to sue for past infringement and obtain past damages, and in and to said application, including any and all non-provisionals, continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said ASSIGNEE, its successors, assigns, and legal representatives, throughout

> PATENT REEL: 051885 FRAME: 0662

the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNORS also do hereby covenant that they have the full right to convey the entire right, title, and interest herein assigned, and that they have not and will not execute any agreement in conflict herewith;

ASSIGNORS also do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNORS also do hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNORS also do hereby grant the following individuals 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:

COLUMBIA UNIVERSITY

All practitioners at Customer Number 56949.

This ASSIGNMENT is effective as of March 30, 2015 .

Attorney Docket No.: 0019240.01059WO1

2016 Q Date

Witness: 916/2016

Date

Ottavio Arancio

HONG ZHANG

PATENT REEL: 051885 FRAME: 0664

sept. 28 2016 Shi Xian Aleng Bissian Deng Date

<u>Shi Xian</u>

Witness:

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sept 28 2016 Shuwes' zhang

8/6 Date 🖌

mela (m) nII:1 Donald W. Landry

Witness: Date

9/6/2016 Date

Finho Nol1

Jole Fiorito

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Witness:

<u>9/6/2016</u> Date

<u>Siwave</u> Simona & Hil

4610

PATENT REEL: 051885 FRAME: 0667

Attorney Docket No.: 0019240.01059WO1

09/03/2016 Date

Rose Purgetoc's

Witness: Date 03 2016

EUGENIO ALBANO

PATENT REEL: 051885 FRAME: 0668

9/30/2016

an & an

Date

Owen Anthony O'connor

Witness:

Date

9/30/2016

Date

Jennifer Effie Amengual

Witness:

Date