PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5106099

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| ROSHANTHA A. CHANDRARATNA | 08/02/2018 |
| MARTIN E. SANDERS | 07/24/2018 |

RECEIVING PARTY DATA

| Name: | IO THERAPEUTICS, INC. | | | |
|-------------------|------------------------|--|--|--|
| Street Address: | 1805 EAST GARRY AVENUE | | | |
| Internal Address: | SUITE 110 | | | |
| City: | SANTA ANA | | | |
| State/Country: | CALIFORNIA | | | |
| Postal Code: | 92705 | | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16034064 |

CORRESPONDENCE DATA

Fax Number:

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: 949 253-0900

Email: ocpatents@klgates.com

Correspondent Name: K&L GATES LLP
Address Line 1: 1 PARK PLAZA
Address Line 2: TWELFTH FLOOR

Address Line 4: IRVINE, CALIFORNIA 92614

| ATTORNEY DOCKET NUMBER: | 1958481.00090 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | DOROTHY L. CHAMBERS |
| SIGNATURE: | /DOROTHY L. CHAMBERS/ |
| DATE SIGNED: | 08/23/2018 |

Total Attachments: 4

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PATENT REEL: 046678 FRAME: 0006

ASSIGNMENT

THIS ASSIGNMENT is made by **Roshantha A. Chandraratna** and **Martin E. Sanders** (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNORS") to **Io Therapeutics, Inc.** having its principal place of business at 1805 East Garry Avenue, Suite 110, Santa Ana, CA 92705, (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNEE").

WHEREAS, ASSIGNORS have invented and own rights in, to and under a new and useful invention entitled "RECEPTOR SUBTYPE AND FUNCTION SELECTIVE RETINOID AND REXINOID COMPOUNDS IN COMBINATION WITH IMMUNE MODULATORS FOR CANCER IMMUNOTHERAPY" for which an application(s) for Letters Patent has been filed as indicated below (hereafter "Invention");

U.S. Patent Application filed July 12, 2018

bearing Serial No. 16/034,064

International Application filed July 12, 2018

bearing Serial No. PCT/US2018/41862

WHEREAS, ASSIGNORS believe themselves to be the original and true inventors of the Invention;

WHEREAS, ASSIGNEE desires to acquire the Invention and improvements thereto;

AND WHEREAS, ASSIGNORS and ASSIGNEE desire to have a recordable instrument assigning ASSIGNEE as owners of the entire right, title and interest in, to, and under the Invention and improvements thereto owned by ASSIGNORS;

NOW THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, convey, endorse, and hereby set over unto ASSIGNEE the full and exclusive right, title and interest in, to and under the Invention to be held and enjoyed by ASSIGNEE, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment and sale not been made including the full and exclusive right, title and interest in, to and under 1) any patent application, or any other legal instrument equivalent thereof, including, without limitation, continuation, division, continuation-in-part, substitute, reexamination, renewal, inventor's certificate, and utility model, which has been or may be submitted therefor and thereon anywhere in the World, such term defined herein as including the United States of America, its territorial possessions, and any and all foreign countries under national laws or under the provisions of the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or any other international treaty equivalent thereof; 2) any Letters Patent, or any other legal instrument equivalent thereof, which has been or may be granted therefor and thereon, in the World, for the full term or terms for which the same may be granted; 3) any reissue, extension, or any other legal instrument equivalent thereof, on any patent application or Letters Patent which has been or may be granted therefor and thereon in the World; and 4) any right to claim priority to a filing date, or any other legal equivalent thereof, which has been or may be claimed by any patent application or Letters Patent therefor and thereon in the World.

ASSIGNORS hereby covenant and agree to perform any lawful action when deemed essential by and to ASSIGNEE's full enjoyment, protection, enforcement and title in, to and under the Invention and rights hereby transferred, including, but not limited to, promptly communicating and providing any and all known and accessible facts, data or any other pertinent information; promptly executing and delivering any and all papers, documents, forms, declarations, oaths, affidavits or any other legal instrument; promptly assisting and participating in any and all

all actions necessary or desirable to carry out any and all purposes thereof, relating to any and all proceedings in connection with the submission, procurement, issuance, maintenance, enforcement or defense of the invention and rights hereby transferred.

The undersigned hereby grant to the firm of K&L Gates LLP, 1 Park Plaza, 12th Floor, Irvine, CA 92614, the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

IN TESTIMONY WHEREOF, I hereunder set my hand this 21/4 day of AV9 UST 2018.

ASSIGNOR

Roshantha A. Chandraratna Name

Romankha A. Chandras as Signature

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness accuracy or validity of that document.

| State | of CALIF | ORNIA |) | see Nado III sa | | | | |
|----------------|----------------------|---|----------------------|------------------------|--|--------------------------------|--------------------------------|-----------|
| Coun | ty of Orar | ıge |) | SS.; | | | | |
| On | this | - And in the Control of the Control | day | of | personally | , 2018, appeared | before Roshantha | me, A. |
| whose execu | e name ited the s | is subscrit ame in his | ed to the authorized | ne within ∍d capaci | basis of satisfa instrument ar ty and that by he person acted | id acknowled is signature o | ged to me th n the instrume | at he |
| | | PENALTY graph is tru | | | nder the laws o | of the State c | f California th | at the |
| Witne | ss my ha | nd and offi | cial seal. | | | | | |
| | | | | | Notary Pu | blic | | |

PATENT REEL: 046678 FRAME: 0008

| IN TESTIMONY WHEREOF, I hereunder set my hand this day of, 2018. |
|--|
| ASSIGNOR |
| Roshantha A. Chandraratna Name |
| Signature |
| A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness accuracy or validity of that document. |
| State of CALIFORNIA)) ss.: |
| County of Orange) |
| On this day of, 2018, before me,, personally appeared Roshantha A. Chandraratna , who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person 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. |
| Notary Public IN TESTIMONY WHEREOF, I hereunder set my hand this day of, 2018. |
| ASSIGNOR |
| Martin E. Sanders Name |
| Manti E.S. |
| Signature |
| A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness accuracy or validity of that document. |
| State of WASHINGTON) |
|) ss.: County of hing) PATENT REEL: 046678 FRAME: 00 |

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| On this 24 day of July, 2018, before me, Brian Jmes, North Public personally appeared Martin E. Sanders, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. | | | | | |
|--|---|-----------------|--|--|--|
| I certify under PENALTY OF PERJURY under the foregoing paragraph is true and correct. Witness my hand and official seal. | laws of the State of Washington t BRIAN JONES Notary Public State of Washington | hat the #187060 | | | |
| Notary Public IN TESTIMONY WHEREOF, I hereunder set my hand this day of, 2018. ASSIGNEE | | | | | |

Io THERAPEUTICS, INC.

Martin E. Sanders, Chief Executive Officer

Martin E. Sanders, Chief Executive Officer

Signature

7-24-2018

Date

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RECORDED: 08/23/2018