

ASSIGNMENT

THIS ASSIGNMENT is made by **Herriot Tabuteau** (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNOR") to **Axsome Therapeutics, Inc.**, a legal entity having its principal place of business at 200 Broadway, 3rd Floor, New York, New York 10038 (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNEE").

WHEREAS, ASSIGNOR has invented and owns rights in, to and under new and useful inventions for which an application(s) for or Letters Patent has been filed as indicated on **Exhibit A** (hereafter "Inventions");

WHEREAS, ASSIGNOR believes himself to be the original and true inventor of the Inventions;

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

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

NOW THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does 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 Inventions to be held and enjoyed by ASSIGNEE, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR 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.

ASSIGNOR hereby covenants and agrees to perform any lawful action when deemed essential by and to ASSIGNEE's full enjoyment, protection, enforcement and title in, to and under the Inventions 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 depositions, hearings, proceedings, trials, appeals, or any other legal procedure; promptly testifying under oath in any and all interference, post grant review, litigation or any other

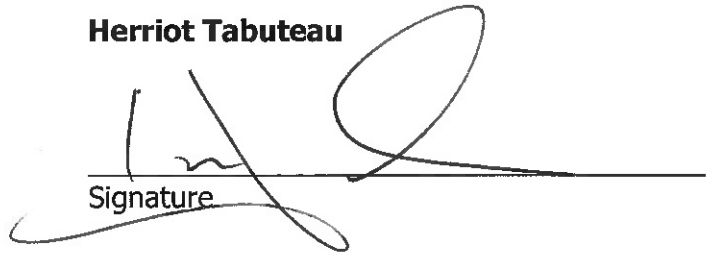
administrative or judicial proceeding; and promptly completing any and all actions necessary or desirable to carry out any and all purposes thereof, relating to any and all proceedings in connection with the submission, procurement, issuance, maintenance, enforcement or defense of the inventions and rights hereby transferred.

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.

IN TESTIMONY WHEREOF, I hereunder set my hand this 5th day of March, 2020.

ASSIGNOR

Herriot Tabuteau


Signature

State of NEW YORK)
) ss.:
County of)

On this ____ day of _____, 2020, before me, _____, personally appeared **Herriot Tabuteau**, 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.

Witness my hand and official seal.

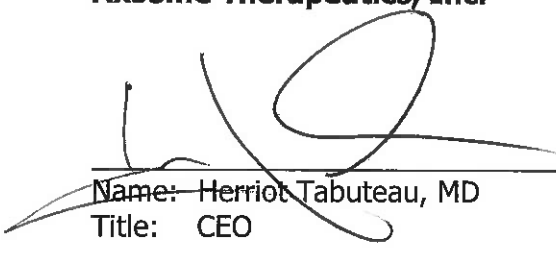
Notary Public

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.

ACKNOWLEDGED AND CONFIRMED, I hereunder set my hand this 5th day of March, 2020, as a duly authorized representative of ASSIGNEE.

ASSIGNEE

Axsome Therapeutics, Inc.



Name: Herriot Tabuteau, MD
Title: CEO

State of NEW YORK)
)
County of) ss.:

On this ____ day of _____, 2020, before me, _____, personally appeared **Herriot Tabuteau** 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.

Witness my hand and official seal.

Notary Public

EXHIBIT A**Patent Rights: Patents and Patent Applications**

<u>Title</u>	<u>Serial No.</u>	<u>Filing Date</u>
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/572,042	09/16/2019
DOSAGE FORMS COMPRISING ACTIVE PHARMACEUTICAL INGREDIENTS	PCT/US19/53167	09/26/2019
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/589,692	10/01/2019
USE OF REBOXETINE TO TREAT NARCOLEPSY	PCT/US19/56134	10/14/2019
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/653,877	10/15/2019
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/688,491	11/19/2019
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/689,970	11/20/2019
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/690,464	11/21/2019
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/693,052	11/22/2019
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/694,440	11/25/2019

<u>Title</u>	<u>Serial No.</u>	<u>Filing Date</u>
USE OF REBOXETINE TO TREAT NARCOLEPSY	62/943,077	12/03/2019
USE OF REBOXETINE TO TREAT NARCOLEPSY	62/946,295	12/10/2019
COMBINATION TREATMENT FOR MIGRAINE AND OTHE PAIN	62/955,905	12/31/2019
USE OF ESREBOXETINE TO TREAT NERVOUS SYSTEM DISORDERS SUCH AS FIBROMYALGIA	16/740,329	01/10/2020
USE OF REBOXETINE TO TREAT NARCOLEPSY	16/740,409	0/11/2020
USE OF ESREBOXETINE TO TREAT NERVOUS SYSTEM DISORDERS SUCH AS FIBROMYALGIA	16/740,410	01/11/2020
USE OF ESREBOXETINE TO TREAT NERVOUS SYSTEM DISORDERS SUCH AS FIBROMYALGIA	16/740,411	01/11/2020
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/773,567	01/27/2020
DOSAGE FORMS AND METHODS FOR ENANTIOMERICALLY ENRICHED OR PURE BUPROPION	62/971,174	02/06/2020
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	PCT/US2020/017046	02/06/2020

<u>Title</u>	<u>Serial No.</u>	<u>Filing Date</u>
PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM	16/790,085	02/13/2020
DOSAGE FORMS AND METHODS FOR ENANTIOMERICALLY ENRICHED OR PURE BUPROPION	62/978,626	02/19/2020

ASSIGNMENT

WHEREAS, Axsome Therapeutics, Inc., a legal entity duly organized and existing under and by the laws of the State of Delaware and having its principal place of business at 22 Cortlandt Street, 16th Floor, New York, New York 10007, (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNOR"), owned rights in, to and under the U.S. and foreign patents and patent applications in inventions indicated in Appendix A (hereafter, "inventions"),

WHEREAS Antecip Bioventures II LLC a legal entity duly organized and existing under and by the laws of the State of Delaware and having its principal place of business at 630 Fifth Avenue, Suite 2000, New York, New York 10111 (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNEE"), desires to acquire the Patent Rights to the "Inventions".

WHEREAS, ASSIGNOR and ASSIGNEE desire to have a recordable instrument formalizing the transfer of the Patent Rights owned by ASSIGNOR to ASSIGNEE;

NOW THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby assign, transfer, convey, endorse, and hereby set over unto ASSIGNEE the full and exclusive right, title and interest in, to and under the Inventions to be held and enjoyed by ASSIGNEE, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR 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.

ASSIGNOR hereby covenants and agrees to perform any lawful action when deemed essential by and to ASSIGNEE's full enjoyment, protection, enforcement and title in, to and under the Inventions 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 depositions, hearings, proceedings, trials, appeals, or any other legal procedure; promptly testifying under oath in any and all interference, post grant review, litigation or any other administrative or judicial proceeding; and promptly completing any and all actions necessary or desirable to carry out any and all purposes thereof, relating to any and all proceedings in

Docket No. A3226.0

connection with the submission, procurement, issuance, maintenance, enforcement or defense of the inventions and rights hereby transferred.

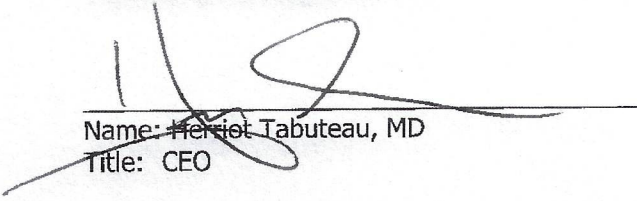
The undersigned hereby grant to the firm of Maschoff Brennan, 100 Spectrum Center Drive, Suite 1200, Irvine CA 92618, the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

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.

IN TESTIMONY WHEREOF, I hereunder set my hand this 19th day of February, 2021.

ASSIGNOR

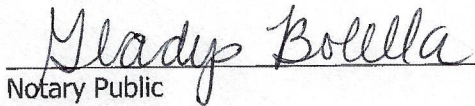
Axsome Therapeutics, Inc.

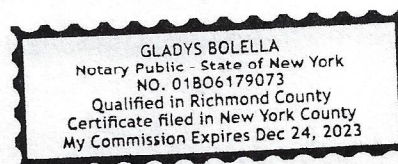

Name: ~~Herriot~~ Tabuteau, MD
Title: CEO

State of New York)
) ss.:
County of New York)

On this 19th day of February, 2021, before me, Herriot Tabuteau personally appeared **Herriot Tabuteau**, 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.

Witness my hand and official seal.


Notary Public

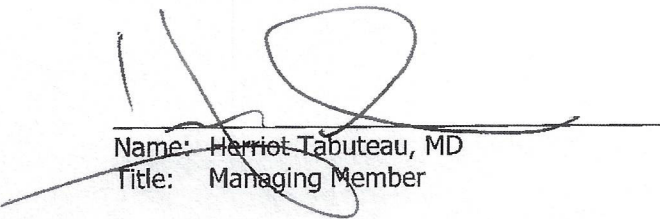


A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness accuracy or validity of that document.

ACKNOWLEDGED AND CONFIRMED, I hereunder set my hand this 19th day of February, 2021, as a duly authorized representative of ASSIGNEE.

ASSIGNEE

Antecip Bioventures II LLC


Name: Harriot Tabuteau, MD
Title: Managing Member

State of New York)

County of New York)

ss.:

On this 19th day of February, 2021, before me, Harriot Tabuteau, personally appeared **Harriot Tabuteau** 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.

Witness my hand and official seal.



Gladys Bolella
Notary Public

GLADYS BOLELLA
Notary Public - State of New York
NO. 01806179073
Qualified in Richmond County
Certificate filed in New York County
My Commission Expires Dec 24, 2023

EXHIBIT A

Patent Rights: Patents and Patent Applications

<u>Title</u>	<u>Serial No.</u>	<u>Filing Date</u>
COMBINATION OF DEXTROMETHORPHAN AND BUPROPION FOR TREATING DEPRESSION	62/789,431	07 Jan 2019
COMBINATION OF DEXTROMETHORPHAN AND BUPROPION FOR TREATING DEPRESSION	62/789,446	07 Jan 2019
COMBINATION OF DEXTROMETHORPHAN AND BUPROPION FOR TREATING DEPRESSION	62/789,451	07 Jan 2019
COMBINATION OF DEXTROMETHORPHAN AND BUPROPION FOR TREATING DEPRESSION	62/789,488	07 Jan 2019