

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5637397

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PATTRARANEE LIMPHONG	07/01/2019
CARLOS G. PEREZ-GARCIA	07/01/2019
KIYOSHI TACHIKAWA	07/01/2019
PADMANABH CHIVUKULA	07/01/2019
ARISA CALE	07/18/2019
ANGEL I-JOU LEU	07/08/2019
JARED DAVIS	07/01/2019
RECEIVING PARTY DATA	
Name:	ARCTURUS THERAPEUTICS, INC.
Street Address:	10628 SCIENCE CENTER DRIVE
Internal Address:	SUITE 250
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15994683
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	8583141500
Email:	IPDocketingBOS@mintz.com
Correspondent Name:	MINTZ LEVIN COHN FERRIS GLOVSKY AND POPEO, P.C.
Address Line 1:	3580 CARMEL MOUNTAIN ROAD
Address Line 2:	SUITE 300
Address Line 4:	SAN DIEGO, CALIFORNIA 92130-6768
ATTORNEY DOCKET NUMBER:	049386-512001US
NAME OF SUBMITTER:	MRIDULA P. SHERIN
SIGNATURE:	/Mridula P. Sherin/

PATENT

DATE SIGNED:	07/25/2019
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Total Attachments: 7

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

**Arcturus Therapeutics, Inc.
10628 Science Center Drive, Suite 250
San Diego, CA 92121**

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries and jurisdictions, in and to the inventions relating to

SYNTHESIS AND STRUCTURE OF HIGH POTENCY RNA THERAPEUTICS

as set forth and described in this United States Patent Application

check one executed concurrently herewith,
 executed on _____,
 Serial No. **15/994,683** Filed **May 31, 2018**

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified 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, and (e) 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 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 AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

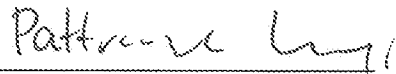
ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Mintz Levin Cohn Ferris Glovsky and Popeo PC** 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 **Mintz Levin Cohn Ferris Glovsky and Popeo PC** 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.

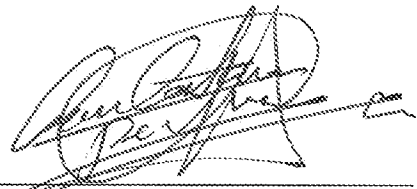
[Signatures to Follow on Next Page]

Executed this 1st day of July, 2019.



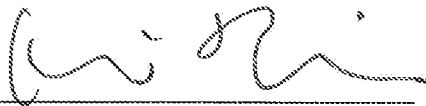
Pattraranee Limphong

Executed this 1st day of July, 2019.



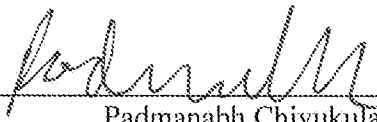
Carlos G. Perez-Garcia

Executed this 1st day of July, 2019.



Kiyoshi Tachikawa

Executed this 1st day of July, 2019.



Padmanabh Chivukula

Executed this 18th day of July, 2019.



Arisa Cale

Executed this 8th day of July, 2019.



Angel I-Jou Leu

Executed this 1st day of July, 2019.



Jared Davis

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)
County of San Diego)

On July 1, 2019, before me, JANET L. REED, NOTARY PUBLIC
Date Here insert Name and Title of the Officer (Notary Public)

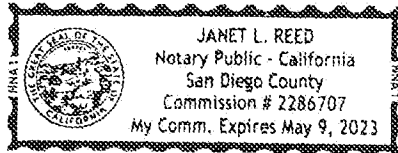
personally appeared Patraranee Limphong, Carlos G. Perez-Garcia, Kiyoshi Tachikawa, Padmanabh Chivukula, ~~Arissa Gale, Angel Taylor, Jared Davis~~
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature Janet L. Reed
Signature of Notary Public



Place Notary Seal Above

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)
County of San Diego)

On July 8, 2019, before me, JANET L REED, NOTARY PUBLIC
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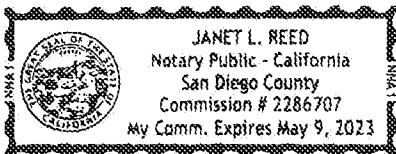
personally appeared ~~Pattaranee Limphong, Carlos G. Perez Garcia, Kiyoshi Tachikawa, Padmanabh Chivukula, Arisa Cate, Angel I-Jou Leu, Jared Davis~~
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature *Janet Reed*
Signature of Notary Public



Place Notary Seal Above

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County of San Diego)

On July 18, 2019, before me, JANET L. REED, NOTARY PUBLIC
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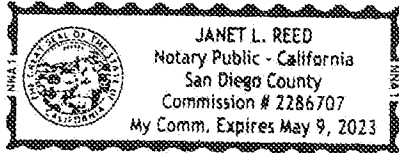
personally appeared ~~Puttaranee Limphong, Carlos G. Perez-Garcia, Kiyoshi Tachikawa, Padmanabh Chivukula, Arisa Cale, Angel L. Louren, Jared Davis~~
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/their executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature Janet L. Reed
Signature of Notary Public



Place Notary Seal Above