

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5904609

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JULIE ANN STRAUB	07/31/2017
BRUCE REHLAENDER	11/08/2017
CAROL GLOFF	11/07/2017
KRIPANATH BORAH	11/02/2017
WINSTON A. VADINO	10/24/2017
MURALIKRISHNA DUVVURI	10/24/2017
JAY BREAU	10/23/2017
RECEIVING PARTY DATA	
Name:	EMBERA NEUROTHERAPEUTICS, INC.
Street Address:	365 BOSTON POST ROAD
Internal Address:	SUITE 210
City:	SUDBURY
State/Country:	MASSACHUSETTS
Postal Code:	01776
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16492804
CORRESPONDENCE DATA	
Fax Number:	(617)607-9200
<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:	617-449-6500
Email:	gcoy@mccarter.com
Correspondent Name:	MICHAEL J. DEGRAZIA, PH.D.
Address Line 1:	MCCARTER & ENGLISH, LLP
Address Line 2:	265 FRANKLIN STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	130746-00602
NAME OF SUBMITTER:	XIAOYUAN DING
SIGNATURE:	/XIAOYUAN DING/

PATENT

DATE SIGNED:

01/10/2020

Total Attachments: 17

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SOLE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Julie Ann Straub**, hereby assign to **Embera NeuroTherapeutics, Inc.**, a corporation incorporated in the State of **Delaware**, and having a principal place of business at **365 Boston Post Road, Suite 210, Sudbury, MA 01776** (hereinafter designated as “the Assignee”), the entire right, title, and interest throughout the world in the inventions and improvements (hereinafter “the invention or inventions”) that are the subject of and described and/or claimed in a provisional application for United States Patent, entitled “PHARMACEUTICAL COMPOSITIONS AND USES THEREOF,” filed on March 10, 2017, and has been assigned Serial No. **62/469,798** by the United States Patent and Trademark Office, and further identified by Attorney Docket Number **3087186 US01**.

This assignment includes the provisional application referenced above, any and all United States (U.S.) and non-U.S. patents, including utility patents and models, continuations, continuations-in-part, divisionals, re-examinations, reissues, and design registrations filed and/or granted for any of the inventions or improvements that are the subject of and described and/or claimed in the provisional application referenced above; any and all patent applications having the right to claim the benefit of the filing date of the provisional application above under the International Convention for the Protection of Industrial Property, the America Invents Act, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; and any patent issuing from any and all such patent applications.

This assignment also includes, without limitation, any claims, whether known or unknown, suspected or unsuspected, of any nature that I have or may have against any party for infringement of any patent described above, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof.

I authorize the Assignee to apply in any and all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion as well as for inventors’ certificates for any of the inventions and improvements that are the subject of and described and/or claimed in the provisional application referenced above.

I hereby covenant and agree that I will communicate to the Assignee or the Assignee’s nominee(s) all facts known to me pertaining to said inventions and improvements, and I agree for myself and my heirs, legal representations and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents; to testify in all legal proceedings; to make all rightful oaths and declarations; and to, in general, perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominee(s) in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in any other countries or regions.

Sole Assignment
U.S. Serial No. 62/469,798
Attorney Docket No. 3087186 US01

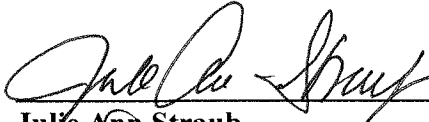
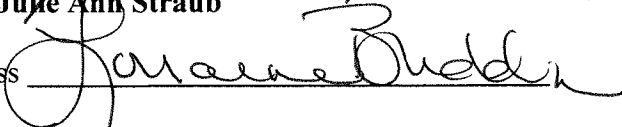
I further hereby covenant to execute all papers necessary in connection with any Interference or Opposition which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such proceeding.

I hereby covenant that I have the right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict with this agreement.

I further hereby grant to any duly empowered legal representative, including specifically all patent practitioners associated with at least one of the Customer Nos. 44,331, 72,742 and 88,750, 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 or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

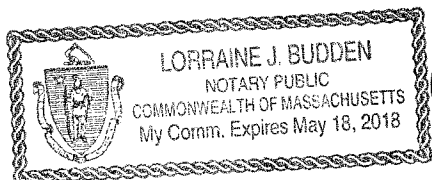
This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Date July 31, 2017 Signature  (SEAL)
Julie Ann Straub
Date July 31, 2017 Notary/Witness 
Date _____ Notary/Witness _____

COMMONWEALTH OF MASSACHUSETTS

Middlesex, ss

On this 31st day of July, 2017, before me, the undersigned notary public, personally appeared **Julie Ann Straub** who proved to me through satisfactory evidence of identification, which was [X] a valid Drivers License(s) or [] _____, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.



(Seal)

Lorraine Budden

Notary Public

Notary Public (Printed Name)

My commission expires: 5/18/18

SOLE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Bruce Rehlaender**, hereby assign to **Embera NeuroTherapeutics, Inc.**, a corporation incorporated in the State of **Delaware**, and having a principal place of business at **365 Boston Post Road, Suite 210, Sudbury, MA 01776** (hereinafter designated as "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements (hereinafter "the invention or inventions") that are the subject of and described and/or claimed in a provisional application for United States Patent, entitled "PHARMACEUTICAL COMPOSITIONS AND USES THEREOF," filed on March 10, 2017, and has been assigned Serial No. 62/469,798 by the United States Patent and Trademark Office, and further identified by Attorney Docket Number **3087186 US01**.

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This assignment also includes, without limitation, any claims, whether known or unknown, suspected or unsuspected, of any nature that I have or may have against any party for infringement of any patent described above, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof.

I authorize the Assignee to apply in any and all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion as well as for inventors' certificates for any of the inventions and improvements that are the subject of and described and/or claimed in the provisional application referenced above.

I hereby covenant and agree that I will communicate to the Assignee or the Assignee's nominee(s) all facts known to me pertaining to said inventions and improvements, and I agree for myself and my heirs, legal representations and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents; to testify in all legal proceedings; to make all rightful oaths and declarations; and to, in general, perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominee(s) in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in any other countries or regions.

Assignment of Bruce Rehlaender
U.S. Serial No. 62/469,798
Attorney Docket No. 3087186 US01

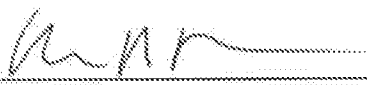
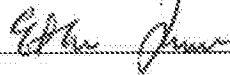
I further hereby covenant to execute all papers necessary in connection with any Interference or Opposition which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such proceeding.

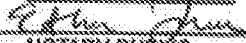
I hereby covenant that I have the right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict with this agreement.

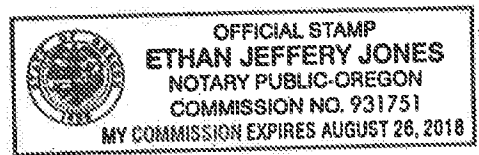
I further hereby grant to any duly empowered legal representative, including specifically all patent practitioners associated with at least one of the Customer Nos. 44,331, 72,742 and 88,750, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Date Nov. 8 2017 Signature  (SEAL)
Bruce Rehlaender
Date November, 8th 2017 Notary/Witness 
Date _____ Notary/Witness _____

COUNTY OF CLACKAMAS STATE OF OREGON
SUBSCRIBED AND SWORN BEFORE ME THIS
8th DAY OF November 2017

NOTARY PUBLIC
MY COMMISSION EXPIRES 08-26-2018



SOLE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Carol Gloff**, hereby assign to **Embera NeuroTherapeutics, Inc.**, a corporation incorporated in the State of **Delaware**, and having a principal place of business at **365 Boston Post Road, Suite 210, Sudbury, MA 01776** (hereinafter designated as "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements (hereinafter "the invention or inventions") that are the subject of and described and/or claimed in a provisional application for United States Patent, entitled "PHARMACEUTICAL COMPOSITIONS AND USES THEREOF," filed on March 10, 2017, and has been assigned Serial No. 62/469,798 by the United States Patent and Trademark Office, and further identified by Attorney Docket Number **3087186 US01**.

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This assignment also includes, without limitation, any claims, whether known or unknown, suspected or unsuspected, of any nature that I have or may have against any party for infringement of any patent described above, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof.

I authorize the Assignee to apply in any and all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion as well as for inventors' certificates for any of the inventions and improvements that are the subject of and described and/or claimed in the provisional application referenced above.

I hereby covenant and agree that I will communicate to the Assignee or the Assignee's nominee(s) all facts known to me pertaining to said inventions and improvements, and I agree for myself and my heirs, legal representations and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents; to testify in all legal proceedings; to make all rightful oaths and declarations; and to, in general, perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominee(s) in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in any other countries or regions.

Assignment of Carol Gloff
U.S. Serial No. 62/469,798
Attorney Docket No. 3087186 US01

I further hereby covenant to execute all papers necessary in connection with any Interference or Opposition which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such proceeding.

I hereby covenant that I have the right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict with this agreement.

I further hereby grant to any duly empowered legal representative, including specifically all patent practitioners associated with at least one of the Customer Nos. 44,331, 72,742 and 88,750, 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 or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

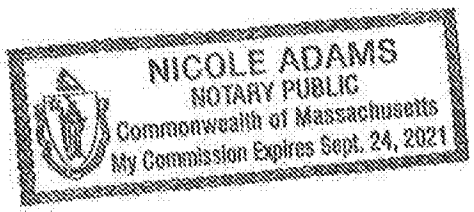
In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Date 11/7/17 Signature *Carol Gloff* (SEAL)
Carol Gloff

Date 11/7/17 Notary/Witness *[Signature]*

Date _____ Notary/Witness _____



SOLE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Kripanath Borah**, hereby assign to **Embera NeuroTherapeutics, Inc.**, a corporation incorporated in the State of **Delaware**, and having a principal place of business at **365 Boston Post Road, Suite 210, Sudbury, MA 01776** (hereinafter designated as "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements (hereinafter "the invention or inventions") that are the subject of and described and/or claimed in a provisional application for United States Patent, entitled "PHARMACEUTICAL COMPOSITIONS AND USES THEREOF," filed on March 10, 2017, and has been assigned Serial No. 62/469,798 by the United States Patent and Trademark Office, and further identified by Attorney Docket Number **3087186 US01**.

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This assignment also includes, without limitation, any claims, whether known or unknown, suspected or unsuspected, of any nature that I have or may have against any party for infringement of any patent described above, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof.

I authorize the Assignee to apply in any and all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion as well as for inventors' certificates for any of the inventions and improvements that are the subject of and described and/or claimed in the provisional application referenced above.

I hereby covenant and agree that I will communicate to the Assignee or the Assignee's nominee(s) all facts known to me pertaining to said inventions and improvements, and I agree for myself and my heirs, legal representations and assigns, for the sum of \$2000.00 (US) without further compensation, to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents; to testify in all legal proceedings; to make all rightful oaths and declarations; and to, in general, perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominee(s) in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in any other countries or regions.

Assignment of Dr. Kripanath Borah
U.S. Serial No. 62/469,798
Attorney Docket No. 3087186 US01

I further hereby covenant to execute all papers necessary in connection with any Interference or Opposition which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such proceeding.

I hereby covenant that I have the right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict with this agreement.

I further hereby grant to any duly empowered legal representative, including specifically all patent practitioners associated with at least one of the Customer Nos. 44,331, 72,742 and 88,750, 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 or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Date 11/2/2017 Signature Kripanath Borah (SEAL)
Kripanath/Borah

Date November 2, 2017 Notary/Witness [Signature]

Date _____ Notary/Witness _____

INDIVIDUAL ACKNOWLEDGMENT

State/Commonwealth of New Jersey } ss.
County of Warren

On this the 2nd day of November, 2017, before me,
Day Month Year

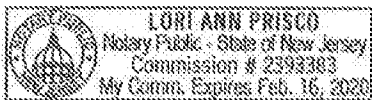
Lori Ann Prisco, the undersigned Notary Public,
Name of Notary Public

personally appeared Mr. Ganesh Basah
Name(s) of Signer(s)

- personally known to me - OR -
- 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/they executed the same for the purposes therein stated.

WITNESS my hand and official seal.



Lori Ann Prisco
Signature of Notary Public
Lori Ann Prisco
2-16-2020

Place Notary Seal/Stamp Above

Any Other Required Information
(Printed Name of Notary, Expiration Date, etc.)

INFORMATION IN AREAS 1-4 REQUIRED IN ARIZONA. OPTIONAL IN OTHER STATES.

Description of Any Attached Document

1 Title or Type of Document: Sole Assignment
2 Document Date: none 3 Number of Pages: 2
4 Signer(s) Other Than Named Above: none

OPTIONAL

RIGHT THUMBPRINT OF SIGNER #1	RIGHT THUMBPRINT OF SIGNER #2
Top of thumb here	Top of thumb here

SOLE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Winston A. Vadino**, hereby assign to **Embera NeuroTherapeutics, Inc.**, a corporation incorporated in the State of **Delaware**, and having a principal place of business at **365 Boston Post Road, Suite 210, Sudbury, MA 01776** (hereinafter designated as "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements (hereinafter "the invention or inventions") that are the subject of and described and/or claimed in a provisional application for United States Patent, entitled "PHARMACEUTICAL COMPOSITIONS AND USES THEREOF," filed on March 10, 2017, and has been assigned Serial No. 62/469,798 by the United States Patent and Trademark Office, and further identified by Attorney Docket Number **3087186 US01**.

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Assignment of Winston A. Vadino
U.S. Serial No. 62/469,798
Attorney Docket No. 3087186 US01

I further hereby covenant to execute all papers necessary in connection with any Interference or Opposition which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such proceeding.

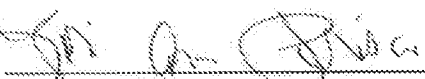
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Date 10/24/17 Signature  (SEAL)
Winston A. Vadino

Date 10-24-2017 Notary/Witness 

Date _____ Notary/Witness _____

INDIVIDUAL ACKNOWLEDGMENT

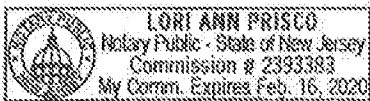
State/Commonwealth of New Jersey } ss.
 County of Hudson }

On this the 21st day of October, 2017, before me,
Lori Ann Prisco, the undersigned Notary Public,
 Name of Notary Public
 personally appeared Winston A. Vadiano
 Name(s) of Signer(s)

- personally known to me -- OR --
- 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/they executed the same for the purposes therein stated.

WITNESS my hand and official seal.



Lori Ann Prisco
 Signature of Notary Public
Lori Ann Prisco
 2-16-2020

Place Notary Seal/Stamp Above

Any Other Required Information
 (Printed Name of Notary, Expiration Date, etc.)

INFORMATION IN AREAS 1-4 REQUIRED IN ARIZONA. OPTIONAL IN OTHER STATES.

Description of Any Attached Document

1 Title or Type of Document: Sale Assignment
 2 Document Date: none 3 Number of Pages: 2
 4 Signer(s) Other Than Named Above: none

OPTIONAL	RIGHT THUMBPRINT OF SIGNER #1	RIGHT THUMBPRINT OF SIGNER #2
	Top of thumb here	Top of thumb here

SOLE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Muralikrishna Duvvuri**, hereby assign to **Embera NeuroTherapeutics, Inc.**, a corporation incorporated in the State of **Delaware**, and having a principal place of business at **365 Boston Post Road, Suite 210, Sudbury, MA 01776** (hereinafter designated as "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements (hereinafter "the invention or inventions") that are the subject of and described and/or claimed in a provisional application for United States Patent, entitled "PHARMACEUTICAL COMPOSITIONS AND USES THEREOF," filed on March 10, 2017, and has been assigned Serial No. 62/469,798 by the United States Patent and Trademark Office, and further identified by Attorney Docket Number **3087186 US01**.

This assignment includes the provisional application referenced above, any and all United States (U.S.) and non-U.S. patents, including utility patents and models, continuations, continuations-in-part, divisionals, re-examinations, reissues, and design registrations filed and/or granted for any of the inventions or improvements that are the subject of and described and/or claimed in the provisional application referenced above; any and all patent applications having the right to claim the benefit of the filing date of the provisional application above under the International Convention for the Protection of Industrial Property, the America Invents Act, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; and any patent issuing from any and all such patent applications.

This assignment also includes, without limitation, any claims, whether known or unknown, suspected or unsuspected, of any nature that I have or may have against any party for infringement of any patent described above, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof.

I authorize the Assignee to apply in any and all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion as well as for inventors' certificates for any of the inventions and improvements that are the subject of and described and/or claimed in the provisional application referenced above.

I hereby covenant and agree that I will communicate to the Assignee or the Assignee's nominee(s) all facts known to me pertaining to said inventions and improvements, and I agree for myself and my heirs, legal representations and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents; to testify in all legal proceedings; to make all rightful oaths and declarations; and to, in general, perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominee(s) in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in any other countries or regions.

Assignment of Muralikrishna Duvvuri
U.S. Serial No. 62/469,798
Attorney Docket No. 3087186 US01

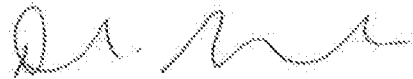
I further hereby covenant to execute all papers necessary in connection with any Interference or Opposition which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such proceeding.

I hereby covenant that I have the right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict with this agreement.

I further hereby grant to any duly empowered legal representative, including specifically all patent practitioners associated with at least one of the Customer Nos. 44,331, 72,742 and 88,750, 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 or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Date 24 October 2017 Signature  (SEAL)
Muralikrishna Duvvuri

Date 10/24/17 Notary/Witness Kathleen McKinley

Date _____ Notary/Witness _____

Kathleen McKinley
exp 3/20/22

SOLE ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Jay Breaux**, hereby assign to **Embera NeuroTherapeutics, Inc.**, a corporation incorporated in the State of **Delaware**, and having a principal place of business at **365 Boston Post Road, Suite 210, Sudbury, MA 01776** (hereinafter designated as "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements (hereinafter "the invention or inventions") that are the subject of and described and/or claimed in a provisional application for United States Patent, entitled "PHARMACEUTICAL COMPOSITIONS AND USES THEREOF," filed on March 10, 2017, and has been assigned Serial No. 62/469,798 by the United States Patent and Trademark Office, and further identified by Attorney Docket Number **3087186 US01**.

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This assignment also includes, without limitation, any claims, whether known or unknown, suspected or unsuspected, of any nature that I have or may have against any party for infringement of any patent described above, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof.

I authorize the Assignee to apply in any and all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion as well as for inventors' certificates for any of the inventions and improvements that are the subject of and described and/or claimed in the provisional application referenced above.

I hereby covenant and agree that I will communicate to the Assignee or the Assignee's nominee(s) all facts known to me pertaining to said inventions and improvements, and I agree for myself and my heirs, legal representations and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents; to testify in all legal proceedings; to make all rightful oaths and declarations; and to, in general, perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominee(s) in obtaining, maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in any other countries or regions.

Assignment of Jay Breaux
U.S. Serial No. 62/469,798
Attorney Docket No. 3087186 US01

I further hereby covenant to execute all papers necessary in connection with any Interference or Opposition which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such proceeding.

I hereby covenant that I have the right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict with this agreement.

I further hereby grant to any duly empowered legal representative, including specifically all patent practitioners associated with at least one of the Customer Nos. 44,331, 72,742 and 88,750, 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 or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Date 10/23/2017 Signature [Handwritten Signature] (SEAL)
Date 10/23/2017 Notary/Witness [Handwritten Signature]
Date / Notary/Witness [Handwritten Signature]

JENNY C HERRERA
Notary Public
Chatham Co., North Carolina
My Commission Expires Jan. 21, 2018