506028448 04/23/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6075163

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TSUTOMU AKAMA	03/29/2013
ERIC EASOM	04/02/2013
YVONNE FREUND	04/10/2013
JACOB J. PLATTNER	03/14/2013
JESSICA SLIGAR	03/11/2013
DAITAO CHEN	03/08/2013
JENNIFER FREEMAN	03/08/2013
JOE PERALES	03/08/2013

RECEIVING PARTY DATA

Name:	ANACOR PHARMACEUTICALS, INC.
Street Address:	1020 EAST MEADOW CIRCLE
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94303

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16856332

CORRESPONDENCE DATA

Fax Number: (415)442-1001

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: 4154421000

Email: peter.roidmaier@morganlewis.com
Correspondent Name: MORGAN LEWIS & BOCKIUS LLP

Address Line 1: ONE MARKET, SPEAR STREET TOWER
Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	064507-5091-US04
NAME OF SUBMITTER:	PETER F. ROIDMAIER
SIGNATURE:	/Peter F. Roidmaier/

PATENT 506028448 REEL: 052477 FRAME: 0911

DATE SIGNED:	04/23/2020
Total Attachments: 13	
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Attorney Docket No.: 064507-5091-PR

ASSIGNMENT OF PROVISIONAL PATENT APPLICATION

JOINT

WHEREAS, Tsutomu AKAMA of 933 Bershire Avenue, Sunnyvale, CA 943807, Bric EASOM of 171 Forest Lane, Menlo Park, CA 94025, Yvonne FREUND of 639 Paco Drive, Los Altos CA 94024, Jacob J. PLATTNER of 119 Via Floreado, Orinda, CA 94563, Jessica SLIGAR of 104 Applecross Drive, Cary, NC 27612, Daitao CHEN of 2212 Clayette Court, Raleigh, NC 27612, Jennifer FREEMAN of 3501 Tricenter Blvd., Durham NC 27713, Joe PERALES of 3501 Tricenter Blvd., Durham, NC 27713, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention:

BORON-CONTAINING SMALL MOLECULES AS

ANTIPROTOZOAL AGENTS

Filing Date:

February 1, 2013

Application No.:

61/759,981; and

WHEREAS, Anacor Pharmaceuticals, Inc., located at 1020 East Meadow Circle, Palo Alto, CA 94303, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

DB2/23946308.1

Assignment Attorney Docket No.: 064507-5091-PR Page 2
IN TESTIMONY WHEREOF, Assignors have signed his/her names on the dates indicated.
Dated: 3/29/2013 TSUTOMU AKAMA TSUTOMU AKAMA
STATE OF CALIFORNIA COUNTY OF Santa Clara ss. Ss. COUNTY OF Santa Clara County My Comm. Expires Aug 9, 2015
On MUND PI Di Before me, Din ele M. Equite personally appeared TSUTOMU AKAMA, who proved to me on a 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 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. Du alle M. Edito
My Commission Expires: Aug 7 (Suh) Signature of Notary Hills Commission # 1943890 Hotery Public - California Sante Clara County
Dated: ZAPIUL ZOI3 ERIC EASOM My Comm. Expires Aug 9, 2011
OPP A TYPE AND AND A TYPE PROPERTY AND A STATE OF THE AND A STATE OF T
COUNTY OF Santa Clary ss.
On April 3 before me, Dille M. Upersonally appeared ERIC EASOM, who proved to me on a basis of satisfactory evidence to be the person(s) whose name(s) is/arc subscribed to the within instrument and acknowledged to me that he/shé/théy executed the same in his/hér/théir authorized capacity(jes), and that by his/hér/théir 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.
WITNESS my hand and official seal. My Commission Expires: A Seal Seal
DONIELLE M. EQUITE Commission # 1943890 Notary Public - California Santa Clara County My Comm. Expires Aug 9, 2015

Assignment Attorney Docket No.: 064507-5091-PR Page 3
Dated: 4/10/13 7/20/UE FREUND YVONNE FREUND
STATE OF CALIFORNIA)
COUNTY OF) ss.
On APINIO 3013 before me Divide M. Equipment on all appeared YVONNE FREUND, who proved to me on a basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that the/she/they executed the same in his/her/their authorized capacity(ics), 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.
My Commission Expires (1943) Signature Commission (1943) Object M. Equite M. Equite Commission (1943) Object M. Equite M. Equite Commission (1943) Object M. Equite M. Equite M. Equite Commission (1943) Object M. Equite M.
Dated: 3/14/13 JACOB J. PLATM NER My Comm. Expires Aug 9, 2015 JACOB J. PLATM NER
STATE OF CALIFORNIA)
county of Santa Clava ss.
On March 14, 2013, before me, Donielle M. Equite personally appeared JACOB J. PLATTNER, who proved to me on a 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 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 scal.
My Commission Expires: August 9/8/00/15
DONIELLE M. EQUITE Commission * 1943890 Notary Public - California Santa Clara County My Comm. Expires Aug 9, 2015

Assignment Attorney Docket No.: 064507-5091-PR Page 4	
Dated:	CA SLIGAR
On the date above, before me (see Witnesses b personally known to me (or proved to me on the basis a name is subscribed to the within instrument, and acknowled his/her authorized capacity, and that by his/her signature behalf of which the person acted, executed the instrument.	of satisfactory evidence) to be the person whose wledged to me that he/she executed the same in re on the instrument the person, or the entity upon
WITNESS NO. 1.	Date:
WITNESS NO. 2.	Date:
Dated:	AO CHEN
On the date above, before me (see Witnesses b personally known to me (or proved to me on the basis name is subscribed to the within instrument, and acknowled his/her authorized capacity, and that by his/her signature behalf of which the person acted, executed the instruments.	of satisfactory evidence) to be the person whose wledged to me that he/she executed the same in re on the instrument the person, or the entity upon ent.
WITNESS NO. 1.:	Date:
WITNESS NO. 2.3	Date:
Dated:	TIFER FREEMAN
On the date above, before me (see Witnesses be FREEMAN, personally known to me (or proved to me person whose name is subscribed to the within instrum the same in his/her authorized capacity, and that by his entity upon behalf of which the person acted, executed	on the basis of satisfactory evidence) to be the ent, and acknowledged to me that he/she executed the signature on the instrument the person, or the
WITNESS NO. 1.	Date:
WITNESS NO. 2.	Date:

Assignment Attorney Docket No.: 064507-5091- Page 5	PR
Dated:	JOE PERALES
personally known to me (or proved to name is subscribed to the within inst	e (see Witnesses below) personally appeared JOE PERALES, to me on the basis of satisfactory evidence) to be the person whose rument, and acknowledged to me that he/she executed the same in by his/her signature on the instrument the person, or the entity upon couted the instrument.
WITNESS NO. 1.:	Date:
WITNESS NO. 2.:	Date:

Attorney Docket No.: 064507-5091-PR

ASSIGNMENT OF PROVISIONAL PATENT APPLICATION

JOINT

WHEREAS, Tsutomu AKAMA of 933 Bershire Avenue, Sunnyvale, CA 943807, Eric HASOM of 171 Forest Lane, Menle Park, CA 94025, Yvonne FREUND of 639 Pace Drive, Los Altos CA 94024, Jacob J. Plattner of 119 Via Floreado, Orinda, CA 94563, Jessica SLIGAR of 104 Applecross Drive, Officeron, NC 27612, Daito CHEN of 2212 Clayette Court, Raleigh, NC 27612, Jennifer FREBMAN of 3504 is Brian fire tricenter-Blvd., Durham NC 27713, Joe PERALES of 3501 Tricenter Blvd., Durham, NC 27713, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention:

BORON-CONTAINING SMALL MOLECULES AS

ANTIPROTOZOAL AGENTS

Filing Date:

February 1, 2013

Application No.:

61/759,981; and

WHERBAS, Anacor Pharmaceuticals, Inc., located at 1020 East Meadow Circle, Palo Alto, CA 94303, hereinafter referred to as "ASSIONEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignment Attorney Docket No.: 064507-5091-1 Page 2	PR	
IN TESTIMONY WHEREO	F, Assignors have	signed his/her names on the dates indicated.
Dated:		
	TSU	OMU AKAMA
STATE OF CALIFORNIA)	
COUNTY OF) 8s.)	
name(s) is/are subscribed to the within	n instrument and city(les), and that	personally appeared satisfactory evidence to be the person(s) whose acknowledged to me that he/she/they executed the by his/her/their signature(s) on the instrument the n(s) acted, executed the instrument.
I certify under PENALTY OF PERR paragraph is true and correct.	JRY under the lav	ws of the State of California that the foregoing
WITNESS my hand and official seal.		
My Commission Expires:	(Seal)	SIGNATURE OF NOTARY PUBLIC
Dated:		
	ERIC	EASOM
STATE OF CALIFORNIA)) ss.	
COUNTY OF)	ï
On, before me, personally appeared ERIC EASOM, who proved to me on a 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 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 PERJU paragraph is true and correct.	URY under the la	ws of the State of California that the foregoing
WITNESS my hand and official soal	•	
	A fine for the state of the sta	SIGNATURE OF NOTARY PUBLIC
My Commission Expires:	(Seal)	

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Assignment Attorney Docket No.: 064507-5 Page 3	091-PR
•	
Dated:	was -
	YVONNE FREUND
STATE OF CALIFORNIA)) as.
COUNTY OF	
name(s) is/are subscribed to the same in his/her/their authorized	
I certify under PBNALTY OF I paragraph is true and correct.	PERJURY under the laws of the State of California that the foregoing
WITNESS my hand and officia	I scal.
My Commission Expires:	SIGNATURE OF NOTARY PUBLIC (Seal)
Dated:	
	JACOB J, PLATINER
STATE OF CALIFORNIA	· ·
COUNTY OF):
is/are subscribed to the within i his/her/their authorized capacit	
l certify under PENALTY OF paragraph is true and correct.	PERJURY under the laws of the State of California that the foregoing
WITNESS my hand and official	ri seal.
My Commission Expires:	SIGNATURE OF NOTARY PUBLIC(Scal)

Dated:	
	JESSICA SLIGAR
personally known to me (or proved to me on name is subscribed to the within instrument,	vitnesses below) personally appeared JESSICA SLIGAR, the basis of satisfactory evidence) to be the person whose and acknowledged to me that he/she executed the same intersignature on the instrument the person, or the entity upon he instrument.
WITNESS NO. 1,	Date:
WITNESS NO. 2.	Date;
Dated:	
	DAITAO CHEN
personally known to me (or proved to me on name is subscribed to the within instrument,	vitnesses below) personally appeared DAITAO CHEN, at the basis of satisfactory evidence) to be the person whose and acknowledged to me that he/she executed the same in her signature on the instrument the person, or the entity upon he instrument.
WITNESS NO. I.;	Date:
WITNESS NO. 2.:	Date:
Dated: Alecch 8, 2013	JENNIFEK FREEMAN
FREEMAN, personally known to me (or properson whose name is subscribed to the with the same in his/her authorized capacity, and entity upon behalf of which the person acted	
WITNESS NO. 1. Ja. William	Date: March 08, 2013
/ // 1 x	e i an

Attorney Docket No.: 064507-5091-P Page 5	${f R}$
Dated:	JOE PERALES
personally known to me (or proved to name is subscribed to the within instru	(see Witnesses below) personally appeared JOE PERALES, me on the basis of satisfactory evidence) to be the person whose ument, and acknowledged to me that he/she executed the same in by his/her signature on the instrument the person, or the entity upor cuted the instrument.
WITNESS NO. 1.:	Date:
WITNIES NO O	Pate

Assignment Attorney Docket No.: 064507-5091-PR Page 4	
Dated: Morde 11, 2013	JESSIN A-SELIGANE
personally known to me (or proved to me on the name is subscribed to the within instrument, and sis/her authorized capacity, and that by his/her substrate the install assessed the installant and the installant assessed the installant and the installant assessed the installant and the installant a	besses below) personally appeared JESSICA SLIGAR, basis of satisfactory evidence) to be the person whose discknowledged to me that he/she executed the same in signature on the instrument the person, or the entity upon instrument. Date: 3/11/2013 Date: 3/11/20/3
· ·	
Datëd:	DAITAO CHEN
personally known to me (or proved to me on the name is subscribed to the within instrument, and	resses below) personally appeared DAITAO CHEN, to basis of satisfactory evidence) to be the person whose discknowledged to me that he/she executed the same in signature on the instrument the person, or the entity upon astrument.
WITNESS NO. 1.:	Date:
WITNESS NO. 2.;	Date:
Dated:	JENNIFER FREEMAN
A.	JENNIFER FREEMAN
REEMAN, personally known to me (or prove- person whose name is subscribed to the within	nesses below) personally appeared JENNIFER. It is on the basis of satisfactory evidence) to be the instrument, and acknowledged to me that he/she executed to by his/her signature on the instrument the person, or the accounted the instrument.
WITNESS NO. 1.	Date:
arresported to	Stata

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Assignment Attorney Docket No.: 064507-5091-PR Page 4	
Dated:	
JESSIC	CA SLIGAR
On the date above, before me (see Witnesses be personally known to me (or proved to me on the basis of name is subscribed to the within instrument, and acknow his/her authorized capacity, and that by his/her signature behalf of which the person acted, executed the instrument	satisfactory evidence) to be the person whose dedged to me that he/she executed the same in on the instrument the person, or the entity upon
WITNESS NO. 1.	Date:
WITNESS NO. 2.	Date:
Dated: 93/08/2013	TO CHEN
On the date above, before me (see Witnesses be personally known to me (or proved to me on the basis or name is subscribed to the within instrument, and acknow his/her authorized capacity, and that by his/her signature behalf of which the person acted, executed the instrument	f satisfactory evidence) to be the person whose vledged to me that he/she executed the same in on the instrument the person, or the entity upon
WITNESS NO. 1.:	Date:
WITNESS NO. 2,:	Date:
Dated:	FER FREEMAN
FREEMAN, personally known to me (or proved to me of person whose name is subscribed to the within instrume the same in his/her authorized capacity, and that by his/lentity upon behalf of which the person acted, executed to	on the basis of satisfactory evidence) to be the nt, and acknowledged to me that he/she executed her signature on the instrument the person, or the
WITNESS NO. 1.	Date:
WITNESS NO. 2.	Date:

Assignment Attorney Docket No.: 064507-5091-PR	
Page 5	1 2
Dated: 3/8/13	What here
A CONTRACTOR OF THE CONTRACTOR	JOH PERALES
On the date above, before me (see W	tinesses below) personally appeared JOE PERALE

On the date above, before me (see Witnesses below) personally appeared JOE PERALES, personally known to me (or 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS NO. 1: Luxur Ment	Date:	March	8	2013
WITNESS NO. 2.: 1/2/	Date;	Murch 8,	4	13

DB2/23946508,1

PATENT REEL: 052477 FRAME: 0925

RECORDED: 04/23/2020