

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3937662

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEPHEN J. BAKER	11/02/2006
TSUTOMU AKAMA	11/01/2006
VINCENT S. HERNANDEZ	11/02/2006
KARIN M. HOLD	11/02/2006
KIRK MAPLES	11/02/2006
JACOB J. PLATTNER	11/02/2006
VIRGINIA SANDERS	11/03/2006
YONG-KANG ZHANG	11/02/2006
GREGORY T. FIELDSON	11/27/2010
JAMES J. LEYDEN	06/19/2006
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:	15134286
CORRESPONDENCE DATA	
Fax Number:	(415)442-1001
<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:	415-442-1000
Email:	peter.roidmaier@morganlewis.com
Correspondent Name:	MORGAN, LEWIS & BOCKIUS LLP (SF)
Address Line 1:	ONE MARKET, SPEAR STREET TOWER, SUITE 30
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	064507-5014-US20

NAME OF SUBMITTER:	PETER F. ROIDMAIER
SIGNATURE:	/Peter F. Roidmaier/
DATE SIGNED:	06/27/2016
Total Attachments: 26 source=064507-5014-US20-AssignPart1-2and3#page1.tif source=064507-5014-US20-AssignPart1-2and3#page2.tif source=064507-5014-US20-AssignPart1-2and3#page3.tif source=064507-5014-US20-AssignPart1-2and3#page4.tif source=064507-5014-US20-AssignPart1-2and3#page5.tif source=064507-5014-US20-AssignPart1-2and3#page6.tif source=064507-5014-US20-AssignPart1-2and3#page7.tif source=064507-5014-US20-AssignPart1-2and3#page8.tif source=064507-5014-US20-AssignPart1-2and3#page9.tif source=064507-5014-US20-AssignPart1-2and3#page10.tif source=064507-5014-US20-AssignPart1-2and3#page11.tif source=064507-5014-US20-AssignPart1-2and3#page12.tif source=064507-5014-US20-AssignPart1-2and3#page13.tif source=064507-5014-US20-AssignPart1-2and3#page14.tif source=064507-5014-US20-AssignPart1-2and3#page15.tif source=064507-5014-US20-AssignPart1-2and3#page16.tif source=064507-5014-US20-AssignPart1-2and3#page17.tif source=064507-5014-US20-AssignPart1-2and3#page18.tif source=064507-5014-US20-AssignPart1-2and3#page19.tif source=064507-5014-US20-AssignPart1-2and3#page20.tif source=064507-5014-US20-AssignPart1-2and3#page21.tif source=064507-5014-US20-AssignPart1-2and3#page22.tif source=064507-5014-US20-AssignPart1-2and3#page23.tif source=064507-5014-US20-AssignPart1-2and3#page24.tif source=064507-5014-US20-AssignPart1-2and3#page25.tif source=064507-5014-US20-AssignPart1-2and3#page26.tif	

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Stephen J. Baker of 1568 Begen Avenue, Mountain View, CA, 94040; Tsutomu Akama of 832 Azure Street, Sunnyvale, CA, 94087; Michael Richard Kevin Alley of 3751 Lillick Drive, Santa Clara CA 95051; Steven J. Benkovic of 771 Teaberry Lane, State College, PA 16803; Michael DiPierro of 3331 Midlane Drive, Wadsworth, IL, 60083; Vincent S. Hernandez of 287 Gilchrist Lane, Watsonville, CA, 95076; Karin M. Hold of 1908 Valdez Avenue, Belmont, CA, 94002; Isaac Kennedy of 1420 Lily Cache Lane, Bolingbrook, IL 60490; Igor Likhovtsov of 1124 Laurel Lane, Naperville, IL 60540; Weimin Mao of 1154 West Olive Avenue, #114, Sunnyvale, CA 94086; Kirk R. Maples of 1195 San Moritz Drive, San Jose, CA 95132; Jacob J. Plattner of 1016 Amato Avenue, Berkeley, CA 94705; Fernando Rock of 1183 Lisa Ln, Los Altos, CA 94024; Virginia Sanders of 2895 Harrison Street, Apt. 4, San Francisco, CA, 94110; Aaron M. Stemphoski of 736 Kitty Lane, Florence, SC 29501; George Petros Yiannikouros of 1864 Brigadoone Lane, Florence, CA 29505; Siead Zegar of 15124 Teebrook Drive, Orland Park, IL 60462; Yong-Kang Zhang of 5151 Westmont Avenue, San Jose, CA, 95130; and Huchen Zhou of Room 1001, Building 10, 50 Youqing Road, Shanghai, The People's Republic of China, 201100; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention:	BORON-CONTAINING SMALL MOLECULES
Filing Date:	August 16, 2006
Application No.:	11/505,591; and

WHEREAS, Anacor Pharmaceuticals, Inc., located at 1060 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.

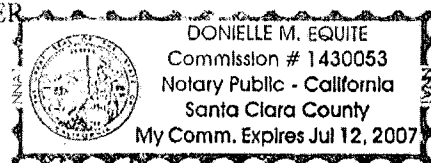
Assignors hereby authorize and request Morgan, Lewis & Bockius LLP, One Market, Spear Street Tower, San Francisco, CA 94105, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed his/her names on the dates indicated.

Dated: Nov 2, 2006

8026
STEPHEN J. BAKER

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.



On Nov 2, 2006, before me Donielle M. Equite personally appeared STEPHEN J. BAKER, 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 my hand and official seal.

Donielle M. Equite
NOTARY PUBLIC

My Commission Expires: July 12, 2007

Dated: 11/01/2006

Takama
TSUTOMU AKAMA

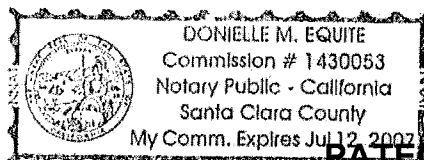
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On Nov. 1, 2006, before me Donielle M. Equite personally appeared TSUTOMU AKAMA, 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 my hand and official seal.

Donielle M. Equite
NOTARY PUBLIC

My Commission Expires: July 12, 2007



Dated: 11/2/2006

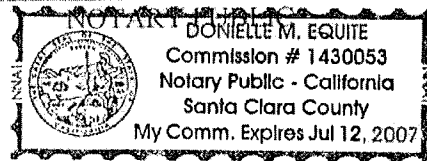
Michael R. K. Alley
MICHAEL RICHARD KEVIN ALLEY

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On Nov. 2, 2006, before me Donielle M. Equite personally appeared MICHAEL RICHARD KEVIN ALLEY, 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 my hand and official seal.

My Commission Expires: July 12, 2007



Dated: _____

STEVEN J. BENKOVIC

STATE OF PENNSYLVANIA)
COUNTY OF _____) ss.

On _____, before me, _____ personally appeared STEVEN J. BENKOVIC, 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 my hand and official seal.

My Commission Expires: _____

NOTARY PUBLIC

Dated: _____

MICHAEL RICHARD KEVIN ALLEY

STATE OF CALIFORNIA)
) ss.
COUNTY OF)

On _____, before me, _____ personally appeared
MICHAEL RICHARD KEVIN ALLEY, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: 11/22/06

Steven J. Benkovic
STEVEN J. BENKOVIC

STATE OF PENNSYLVANIA)
) ss.
COUNTY OF Centre)

On 28 November 2006 before me, Bonnie L. Burris personally appeared
STEVEN J. BENKOVIC, 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 my hand and official seal.

Bonnie L. Burris
NOTARY PUBLIC

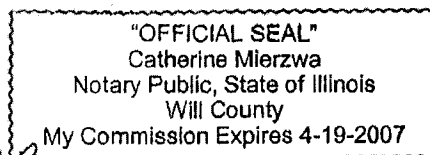
My Commission Expires: 11/22/07

Notarial Seal
Bonnie L. Burris, Notary Public
State College Boro, Centre County
My Commission Expires Nov. 22, 2007

Dated: 7 mo 11-17-06
11-14-06

Michael DiPierro
MICHAEL DIPIERRO

STATE OF ILLINOIS)
) ss.
COUNTY OF)



On 11-17-2006, before me, MICHAEL DIPIERRO personally appeared
MICHAEL DIPIERRO, 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 my hand and official seal.

Catherine Mierzwa
NOTARY PUBLIC

My Commission Expires: 4-19-2007

Dated: _____

VINCENT S. HERNANDEZ

STATE OF CALIFORNIA)
) ss.
COUNTY OF)

On _____, before me, M. DiPierro 11-17-06 personally appeared
VINCENT S. HERNANDEZ, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: _____

MICHAEL DIPIERRO

STATE OF ILLINOIS)
) ss.
COUNTY OF)

On _____, before me, _____ personally appeared
MICHAEL DIPIERRO, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: 11/2/06

[Handwritten Signature]

VINCENT S. HERNANDEZ

STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara

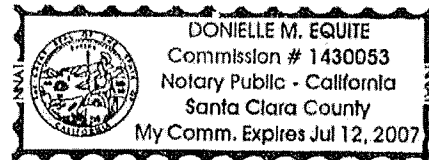
On Nov 2, 2006, before me, Donielle M. Equite, personally appeared
VINCENT S. HERNANDEZ, personally known to me ~~(or proved to me on the basis of satisfactory~~
~~evidence)~~ to be the person whose name is subscribed to the within instrument, and acknowledged to me
that he/~~she~~ executed the same 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 my hand and official seal.

[Handwritten Signature: Donielle M. Equite]

NOTARY PUBLIC

My Commission Expires: July 12, 2007



Dated: 11/02/06

KARIN M. HOLD
KARIN M. HOLD

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

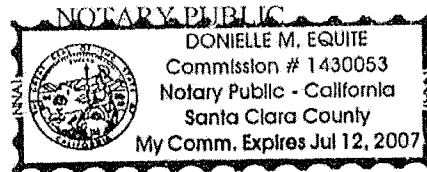
On Nov 2, 2006, before me, Donielle M. Equite, personally appeared KARIN M. HOLD, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized 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 my hand and official seal.

My Commission Expires: July 12, 2007

Dated: _____

Donielle M. Equite



ISAAC KENNEDY

STATE OF ILLINOIS)
COUNTY OF _____) ss.

On _____, before me, _____ personally appeared ISAAC KENNEDY, 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 my hand and official seal.

My Commission Expires: _____

NOTARY PUBLIC

Dated: _____

KARIN M. HOLD

STATE OF CALIFORNIA)
)
COUNTY OF) ss.

On _____, before me, _____ personally appeared KARIN M. HOLD, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: 11-21-2006

Isaac Kennedy
ISAAC KENNEDY

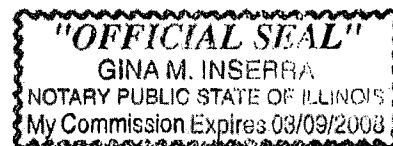
STATE OF ILLINOIS)
)
COUNTY OF WILL) ss.

On 11-21-06, before me, Isaac Kennedy personally appeared ISAAC KENNEDY, 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 my hand and official seal.

My Commission Expires: 3/9/2008

Gina M. Inserra
NOTARY PUBLIC



Dated: 11/20/06

Igor Likhovnikov

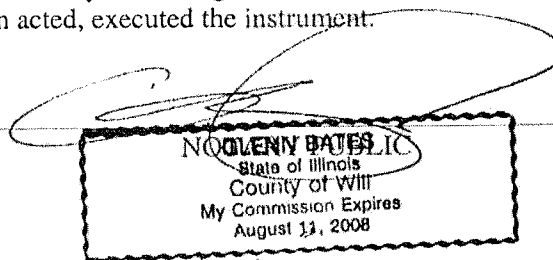
IGOR LIKHOTVORIK

STATE OF ILLINOIS)
COUNTY OF DuPage) ss.

On 11/20/2006, before me, a notary public personally appeared IGOR LIKHOTVORIK, 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 my hand and official seal.

My Commission Expires: 8/11/2008



Dated: _____

WEIMIN MAO

STATE OF CALIFORNIA)
COUNTY OF _____) ss.

On _____, before me, _____ personally appeared WEIMIN MAO, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: _____

IGOR LIKHOTVORIK

STATE OF ILLINOIS)
) ss.
COUNTY OF)

On _____, before me, _____ personally appeared IGOR LIKHOTVORIK, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: 11/3/06

Weimin Mao
WEIMIN MAO

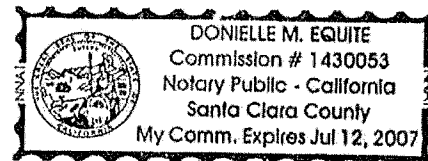
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On Nov 3, 2006, before me, Donielle M. Equite personally appeared WEIMIN MAO, 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 my hand and official seal.

My Commission Expires: July 12, 2007

Donielle M. Equite
NOTARY PUBLIC

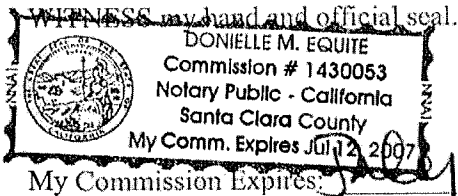


Dated: 11/02/06

Kirk R. Maples
KIRK R. MAPLES

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On Nov 2, 2006 before me, Donielle M. Equite, personally appeared KIRK R. MAPLES, 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 my hand and official seal.

My Commission Expires: July 12, 2007

Donielle M. Equite
NOTARY PUBLIC

Dated: Nov 2, 2006

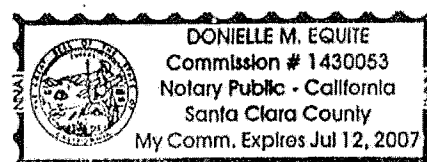
Jacob Plattner
JACOB J. PLATTNER

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On Nov 2, 2006 before me, Donielle M. Equite, personally appeared JACOB J. PLATTNER, 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 my hand and official seal.

Donielle M. Equite
NOTARY PUBLIC
My Commission Expires: July 12, 2007



Dated: 11/3/06

[Signature]
FERNANDO ROCK

STATE OF CALIFORNIA)

COUNTY OF Santa Clara)

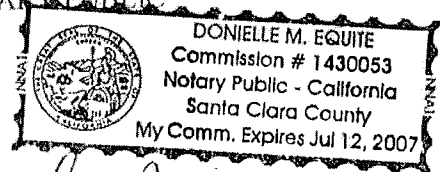
ss.

On Nov 3, 2006 before me, Donielle M. Equite, personally appeared FERNANDO ROCK, 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 my hand and official seal.

My Commission Expires: July 12, 2007

Donielle M. Equite
NOTARY PUBLIC



Dated: Nov 3, 2006

Virginia Sanders
VIRGINIA SANDERS

STATE OF CALIFORNIA)

COUNTY OF Santa Clara)

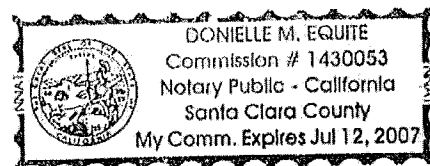
ss.

On Nov 3, 2006 before me, Donielle M. Equite, personally appeared VIRGINIA SANDERS, 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 my hand and official seal.

My Commission Expires: July 12, 2007

Donielle M. Equite
NOTARY PUBLIC




Assignment

Attorney Docket No.: 64507-5014-US01

Page 9

Dated: Jan 04 2007

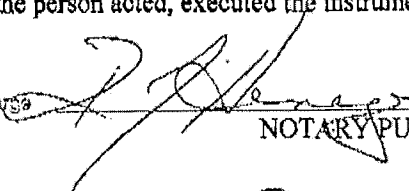

AARON M. STEMPHOSKI

STATE OF SOUTH CAROLINA)
) ss.
COUNTY OF)

On Jan 04 2007, before me, _____ personally appeared AARON M. STEMPHOSKI, 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 my hand and official seal.

Notary Public, South Carolina State at Large
My commission expires May 11, 2010.


NOTARY PUBLIC

My Commission Expires: _____

Dated: Jan 04 2007


GEORGE PETROS YIANNIKOUIROS

STATE OF SOUTH CAROLINA)
) ss.
COUNTY OF)


On Jan 04 2007, before me, _____ personally appeared GEORGE PETROS YIANNIKOUIROS, 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 my hand and official seal.

Notary Public, South Carolina State at Large
My Commission Expires: May 11, 2010.

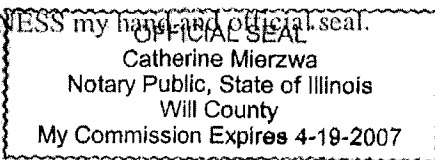

NOTARY PUBLIC

Dated: November 28, 2006


SIEAD ZEGAR

STATE OF ILLINOIS)
) ss.
COUNTY OF)

On 28, before me, SIEAD ZEGAR personally appeared
SIEAD ZEGAR, 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 my hand and official seal.



NOTARY PUBLIC

My Commission Expires: _____

Dated: _____

YONG-KANG ZHANG

STATE OF CALIFORNIA)
) ss.
COUNTY OF)

On _____, before me, _____ personally appeared
YONG-KANG ZHANG, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: _____

SIEAD ZEGAR

STATE OF ILLINOIS)
) ss.
COUNTY OF)

On _____, before me, _____ personally appeared SIEAD ZEGAR, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: 11-2-2006

Yongkang Zhang
YONG-KANG ZHANG

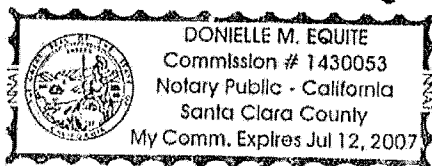
STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara

On November 2, 2006, before me Donielle M. Equite personally appeared YONG-KANG ZHANG, 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 my hand and official seal.

Donielle M. Equite
NOTARY PUBLIC

My Commission Expires: July 12, 2007



Dated: 11/3/06


HUCHEN ZHOU

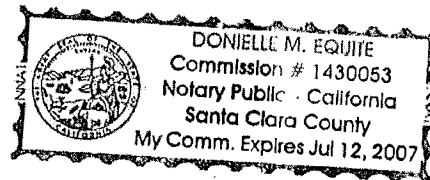
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On Nov 3, 2006 before me Donielle M. Equite personally appeared
HUCHEN ZHOU, 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 my hand and official seal.

My Commission Expires: July 12, 2007


NOTARY PUBLIC



ASSIGNMENT OF PATENT

WHEREAS, Gregory T. Fieldson, residing at 218 Newberry Lane, Morgantown West Virginia 26505, (hereinafter "Assignor"), is the owner of the entire right, title and interest in and to United States Letters Patent No. 7,767,657 (hereinafter "Patent"), issued on August 3, 2010 and entitled BORON-CONTAINING SMALL MOLECULES, and the invention described and claimed therein, free and clear of any lien, encumbrance, charge, equity or restriction; and

WHEREAS, Anacor Pharmaceuticals, Inc, a Delaware Corporation having a place of business at 1020 East Meadow Circle, Palo Alto, CA 94303 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Patent and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and convey unto said Assignee, its successors and assigns, the entire right, title and interest in and to said invention for the whole of the United States and for each and every foreign country, including (1) said U.S. Letters Patent, (2) each and every foreign patent and patent application for said invention, (3) the right to enforce the same for past and future infringements, and (4) the right to collect all remuneration for past and future infringements including compensatory and punitive damages, to seek and obtain injunctions, and to collect attorneys fees, whether by settlement, adjudication or otherwise.

THE SAME TO BE HELD AND ENJOYED BY said Assignee, its successors and assigns, for its own use and behoof, for the life of rights in and to said invention, including to the full end of the life of the said Letters Patent of the United States and to the full end of the life of any foreign patent which exists or may be granted, as fully and entirely as the same might or could have been enjoyed by said Assignor had this assignment and sale not been made.

PATENT

Patent No. US 7,767,657
Attorney Docket No. 064507-5014-US01

IN ORDER TO CARRY OUT IN GOOD FAITH the intent and purpose of this assignment, said Assignor agrees to cooperate with said Assignee in maintaining said Patent and vesting said title in it and to execute all papers which the said Assignee shall deem desirable or necessary for vesting title to said invention, U.S. Letters Patent, or foreign patents or patent applications in said Assignee.

Gregory T. Fieldson (Assignor)

Date: November 27, 2010

By: Gregory T. Fieldson

Signature: _____

[Handwritten signature of Gregory T. Fieldson]

On the date above, before me (see Witnesses below) personally appeared Gregory T. Fieldson, 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. _____

[Handwritten signature of Sara J. Fieldson]

Date: _____

11/27/2010

WITNESS NO. 2. _____

[Handwritten signature of Ashok P. Aggarwal]

Date: _____

11/27/2010

Witness 1: Sara J. Fieldson, 218 Newberry Ln, Morgantown WV 26505
Witness 2: Ashok P. Aggarwal, 492 Aspen St., Morgantown, WV 26505

PATENT

Patent No. US 7,767,657
Attorney Docket No. 064507-5014-US01

Anacor Pharmaceuticals, Inc. (Assignee)

Date: Nov. 24, 2010

By: 

Name: James R. Marconi

Title: Vice President of Finance/ Controller

On the date above, before me (see Witnesses below) personally appeared James R. Marconi, 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. 

Date: Nov 24, 2010

WITNESS NO. 2. 

Date: Nov 24, 2010

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Stephen J. Baker of 1568 Begen Avenue, Mountain View, CA, 94040; Tsutomu Akama of 832 Azure Street, Sunnyvale, CA, 94087; Carolyn Bellinger-Kawahara of 15 Landa Lane, Redwood City, CA, 94061; Vincent S. Hernandez of 287 Gilchrist Lane, Watsonville, CA, 95076; Karin M. Hold of 1908 Valdez Avenue, Belmont, CA, 94002; James J. Leyden of 319 Applebrook Drive, Malvern, CA, 93555; Kirk R. Maples of 1195 San Moritz Drive, San Jose, CA 95132; Jacob J. Plattner of 1016 Amito Avenue, Berkeley, CA 94705; Virginia Sanders of 2895 Harrison Street, Apt. 4, San Francisco, CA, 94110; and Yong-Kang Zhang of 5151 Westmont Avenue, San Jose, CA, 95130, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified patent application:

Title of Invention:	BORON-CONTAINING SMALL MOLECULES
Filing Date:	February 16, 2006
Application No.:	11/357,687; and

WHEREAS, Anacor Pharmaceuticals, Inc., located at 1060 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.

Assignors hereby authorize and request Morgan, Lewis & Bockius LLP, One Market, Spear Street Tower, San Francisco, CA 94105, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed his/her names on the dates indicated.

Dated: April 28th 2006

8006
STEPHEN J. BAKER

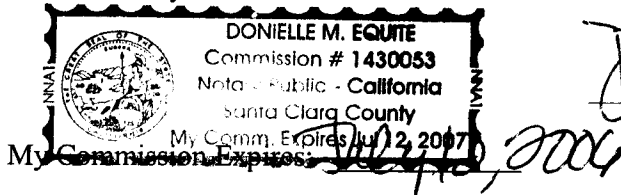
STATE OF CALIFORNIA)

COUNTY OF Santa Clara)

ss.

On April 28, 2006, before me, Donielle M. Equite, personally appeared
STEPHEN J. BAKER, 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 my hand and official seal.



Donielle M. Equite
NOTARY PUBLIC

Dated: 7/28/06

T. Akama
TSUTOMU AKAMA

STATE OF CALIFORNIA)

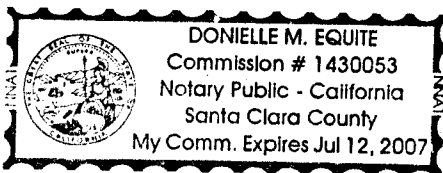
COUNTY OF Santa Clara)

ss.

On April 28, 2006, before me, Donielle M. Equite, personally appeared
TSUTOMU AKAMA, 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 my hand and official seal.

Donielle M. Equite
NOTARY PUBLIC
My Commission Expires: July 12, 2007

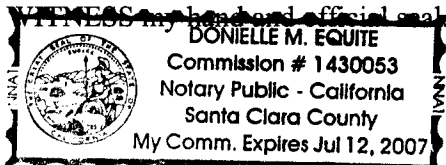


Dated: 4/28/06

Carolyn Bellinger-Kawahara
CAROLYN BELLINGER-KAWAHARA

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On April 28, 2006 before me, Donielle M. Equite, personally appeared
CAROLYN BELLINGER-KAWAHARA, 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.



My Commission Expires: July 12, 2007

Donielle M. Equite
NOTARY PUBLIC

Dated: 4/28/06

Vincent S. Hernandez
VINCENT S. HERNANDEZ

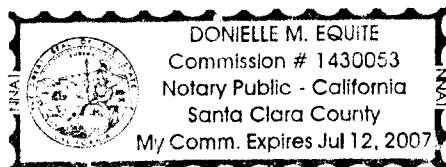
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On April 28, 2006 before me, Donielle M. Equite, personally appeared
VINCENT S. HERNANDEZ, 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 my hand and official seal.

Donielle M. Equite
NOTARY PUBLIC

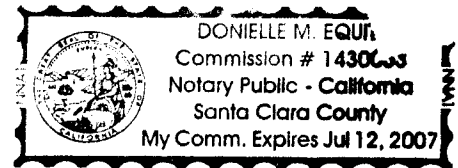
My Commission Expires: July 12, 2007



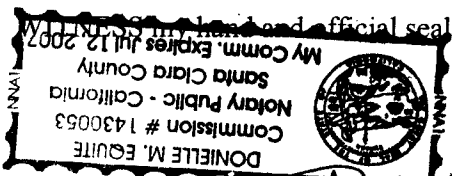
Dated: 4/28/06

KARIN M. HOLD
KARIN M. HOLD

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.



On April 28, 2006 before me, Donielle M. Equitz personally appeared KARIN M. HOLD, 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.



Donielle M. Equitz
NOTARY PUBLIC

My Commission Expires: July 12, 2007

Dated: _____

JAMES J. LEYDON

STATE OF)
COUNTY OF) ss.

On _____, before me, _____ personally appeared JAMES J. LEYDON, 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 my hand and official seal.

NOTARY PUBLIC

My Commission Expires: _____

Dated: _____

KARIN M. HOLD

STATE OF CALIFORNIA)
) ss.
COUNTY OF)

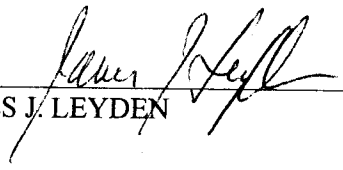
On _____, before me, _____ personally appeared KARIN M. HOLD, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

My Commission Expires: _____

NOTARY PUBLIC

Dated: 6/19/06



JAMES J. LEYDEN

STATE OF)
) ss.
COUNTY OF)

On _____, before me, _____ personally appeared JAMES J. LEYDEN, 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 my hand and official seal.

My Commission Expires: _____

NOTARY PUBLIC

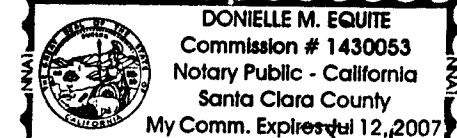
Dated: 4/28/06

Kirk R. Maples
KIRK R. MAPLES

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On April 28, 2006 before me, Donielle M. Equite personally appeared KIRK R. MAPLES, 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 my hand and official seal.



My Commission Expires: July 12, 2007

Donielle M. Equite
NOTARY PUBLIC

Dated: April 28, 2006

Jacob J. Plattner
JACOB J. PLATTNER

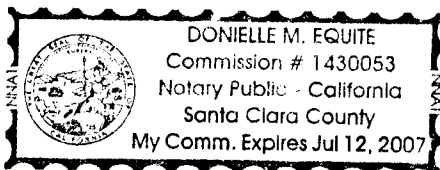
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On April 28, 2006 before me, Donielle M. Equite personally appeared JACOB J. PLATTNER, 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 my hand and official seal.

Donielle M. Equite
NOTARY PUBLIC

My Commission Expires: July 12, 2007



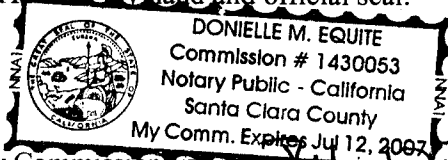
Dated: 4/28/06

Virginia Sanders
VIRGINIA SANDERS

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On April 28, 2006 before me, Donielle M. Equite, personally appeared VIRGINIA SANDERS, 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 my hand and official seal.



My Commission Expires: July 12, 2007

Donielle M. Equite
NOTARY PUBLIC

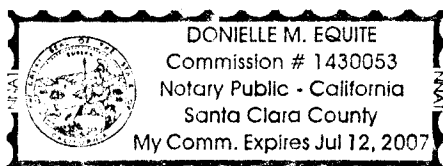
Dated: 4-28-2006

Yongkang Zhang
YONG-KANG ZHANG

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

On April 28, 2006 before me, Donielle M. Equite, personally appeared YONG-KANG ZHANG, 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 my hand and official seal.



My Commission Expires: July 12, 2007

Donielle M. Equite
NOTARY PUBLIC