

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																						
<b>CONVEYING PARTY DATA</b>																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Ving Lee</td><td>11/30/2004</td></tr> <tr><td>Stephen J. Benkovic</td><td>11/23/2004</td></tr> <tr><td>Kirk R. Maples</td><td>11/16/2004</td></tr> <tr><td>Tsutomu Akama</td><td>11/30/2004</td></tr> <tr><td>Yong-Kang Zhang</td><td>11/16/2004</td></tr> <tr><td>Rajeshwar Singh</td><td>11/15/2004</td></tr> <tr><td>Vittorio A. Sauro</td><td>11/15/2004</td></tr> <tr><td>Chetan Pandit</td><td>11/15/2004</td></tr> <tr><td>Zhuoyi Su</td><td>11/15/2004</td></tr> <tr><td>Zhixiang Yang</td><td>11/15/2004</td></tr> </tbody> </table>		Name	Execution Date	Ving Lee	11/30/2004	Stephen J. Benkovic	11/23/2004	Kirk R. Maples	11/16/2004	Tsutomu Akama	11/30/2004	Yong-Kang Zhang	11/16/2004	Rajeshwar Singh	11/15/2004	Vittorio A. Sauro	11/15/2004	Chetan Pandit	11/15/2004	Zhuoyi Su	11/15/2004	Zhixiang Yang	11/15/2004
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;"><b>Name:</b></td><td>Anacor Pharmaceuticals, Inc.</td></tr> <tr><td><b>Street Address:</b></td><td>1020 East Meadow Circle</td></tr> <tr><td><b>City:</b></td><td>Palo Alto</td></tr> <tr><td><b>State/Country:</b></td><td>CALIFORNIA</td></tr> <tr><td><b>Postal Code:</b></td><td>94303</td></tr> </table>		<b>Name:</b>	Anacor Pharmaceuticals, Inc.	<b>Street Address:</b>	1020 East Meadow Circle	<b>City:</b>	Palo Alto	<b>State/Country:</b>	CALIFORNIA	<b>Postal Code:</b>	94303												
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<b>CORRESPONDENCE DATA</b>																							
<p>Fax Number: (877)432-9652</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 415-442-1000</p> <p>Email: crubalcaba-rivera@morganlewis.com</p> <p>Correspondent Name: Morgan, Lewis &amp; Bockius, LLP</p> <p>Address Line 1: One Market, Spear Street Tower</p>																							

CH \$40.00 11971693

**501284706**

**PATENT**  
**REEL: 024955 FRAME: 0721**

Address Line 4: San Francisco, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:

064507-5004-US1

NAME OF SUBMITTER:

Candida Rubalcaba-Rivera

Total Attachments: 9

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**ASSIGNMENT - WORLDWIDE**

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

Anacor Pharmaceuticals, Inc.

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

**ANTIBIOTICS CONTAINING BORINIC ACID COMPLEXES AND METHODS OF USE**

as set forth in this United States Patent Application

*check one*     ☐ executed concurrently herewith,  
                  ☐ executed on \_\_\_\_\_,  
                  ☒ Serial No. 10/867465    Filed 6/14/2004

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

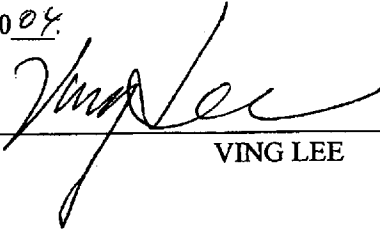
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue,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

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

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

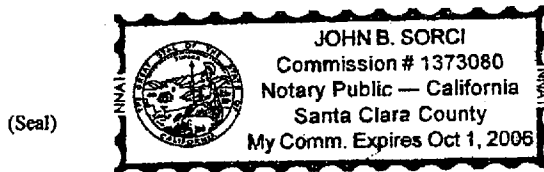
ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

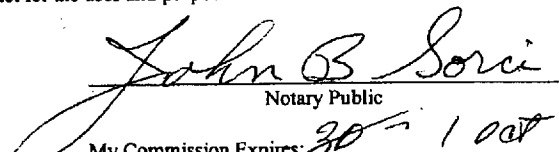
Executed this 30 day of Nov, 2004.

  
\_\_\_\_\_  
VING LEE

State of Ca. )  
County of Santa Clara )ss.

On this 30 day of Nov, 2004, before me, a notary public in and for said county, appeared VING LEE, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.



  
\_\_\_\_\_  
Notary Public  
My Commission Expires: 30 1 Oct  
2006

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
STEPHEN J. BENKOVIC

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, a notary public in and for said county, appeared STEPHEN J. BENKOVIC, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

(Seal)

Executed this 16 day of NOVEMBER, 2004.

  
\_\_\_\_\_  
STEPHEN J. BAKER

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
VING LEE

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, a notary public in and for said county, appeared VING LEE, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

(Seal)

Executed this 23 day of Nov, 2004.

Stephen J. Benkovic  
STEPHEN J. BENKOVIC

State of PA )  
County of Centre )ss.

On this 23rd day of November, 2004, before me, a notary public in and for said county, appeared STEPHEN J. BENKOVIC, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

Cynthia B. Vincenti  
Notary Public

My Commission Expires: \_\_\_\_\_

Notarial Seal

Cynthia B. Vincenti, Notary Public  
State College Boro, Centre County  
My Commission Expires Sept. 9, 2006

Member, Pennsylvania Association of Notaries

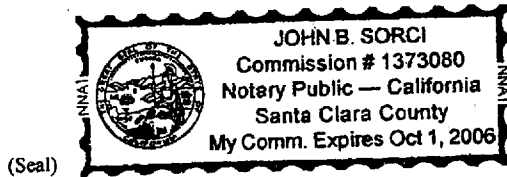
(Seal)

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
STEPHEN J. BAKER

State of Ca.  
County of Santa Clara, ss.

On this 16 day of Nov., 2004, before me, a notary public in and for said county, appeared STEPHEN J. BAKER, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.



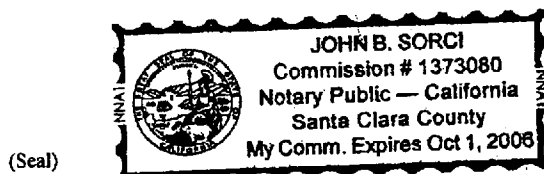
John B. Sorci  
Notary Public  
My Commission Expires: 1 Oct 2006

Executed this 16 day of Nov, 2004.

Kirk R. Maples  
KIRK R. MAPLES

State of Ca.  
County of Santa Clara, ss.

On this 16 day of Nov., 2004, before me, a notary public in and for said county, appeared KIRK R. MAPLES, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.



John B. Sorci  
Notary Public  
My Commission Expires: 1 Oct 2006

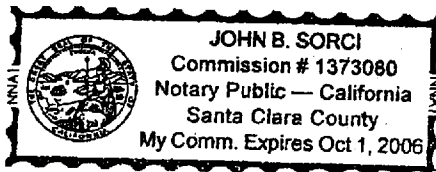
Executed this 30 day of Nov, 2004.

Tsutomu Akama

TSUTOMU AKAMA

State of Ca.  
County of Santa Clara. )ss.

On this 30 day of Nov., 2004, before me, a notary public in and for said county, appeared TSUTOMU AKAMA, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.



(Seal)

John B. Sorci  
Notary Public  
My Commission Expires: 1 Oct 2006

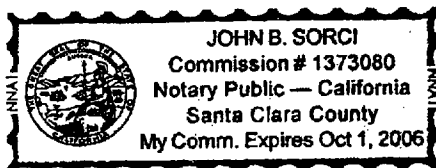
Executed this 16<sup>th</sup> day of November, 2004.

Yong-Kang Zhang

YONG-KANG ZHANG

State of Ca.  
County of Santa Clara. )ss.

On this 16 day of Nov., 2004, before me, a notary public in and for said county, appeared YONG-KANG ZHANG, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.



(Seal)

John B. Sorci  
Notary Public  
My Commission Expires: 1 Oct 2006

Executed this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.



*RS*  
RAJESHWAR SINGH

Province Alberta  
State of Canada )  
County of Canada )ss.

On this 15<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared RAJESHWAR SINGH, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

(Seal)

*Sarjan Luthra*  
Notary Public  
My Commission Expires: NO EXPIRY  
SARJAN LUTHRA  
BARRISTER &  
SOLICITOR

Executed this 15<sup>th</sup> day of November, 2004.

*Vic Sauro*  
VITTORIO A. SAURO

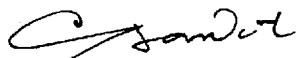
Province Alberta  
State of Canada )  
County of Canada )ss.

On this 15<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared VITTORIO A. SAURO, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

(Seal)

*Sarjan Luthra*  
Notary Public  
My Commission Expires: NO EXPIRY  
SARJAN LUTHRA  
BARRISTER &  
SOLICITOR

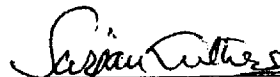
Executed this 15<sup>th</sup> day of November, 2004.



CHETAN PANDIT

Province Alberta  
State of Alberta )  
County of Canada )ss.

On this 15<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared CHETAN PANDIT, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.



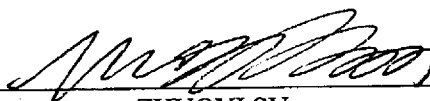
Notary Public

My Commission Expires: NO EXPIRY

(Seal)

SARJAN LUTHRA  
BARRISTER &  
SOLICITOR

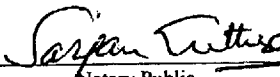
Executed this 15<sup>th</sup> day of November, 2004.



ZHUOYI SU

Province Alberta  
State of Alberta )  
County of Canada )ss.

On this 15<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared ZHUOYI SU, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.



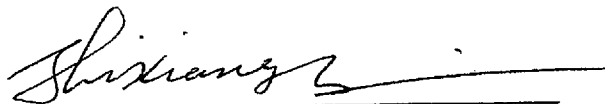
Notary Public

My Commission Expires: NO EXPIRY

(Seal)

SARJAN LUTHRA  
BARRISTER &  
SOLICITOR

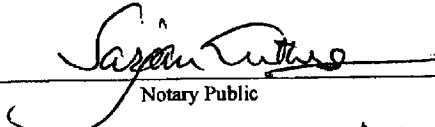
Executed this 15<sup>th</sup> day of November, 2004.



ZHIXIANG YANG

Province Alberta  
State of Canada ) ss.  
County of Canada )

On this 15<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared ZHIXIANG YANG, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed, and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

  
Notary Public

My Commission Expires: NO EXPIRY

(Seal)

Executed this 15<sup>th</sup> day of November, 2004.

SARJAN LUTHRA  
BARRISTER &  
SOLICITOR