

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lee Honigberg</td> <td>04/27/2010</td> </tr> <tr> <td>Erik J. Verner</td> <td>03/12/2010</td> </tr> <tr> <td>Joseph J. Buggy</td> <td>03/12/2010</td> </tr> <tr> <td>David J. Loury</td> <td>03/12/2010</td> </tr> <tr> <td>Wei Chen</td> <td>03/12/2010</td> </tr> </tbody> </table>		Name	Execution Date	Lee Honigberg	04/27/2010	Erik J. Verner	03/12/2010	Joseph J. Buggy	03/12/2010	David J. Loury	03/12/2010	Wei Chen	03/12/2010
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RECEIVING PARTY DATA													
Name:	Pharmacyclics, Inc.												
Street Address:	995 East Arques Avenue												
City:	Sunnyvale												
State/Country:	CALIFORNIA												
Postal Code:	94085												
PROPERTY NUMBERS Total: 3													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13543065</td> </tr> <tr> <td>Application Number:</td> <td>13543394</td> </tr> <tr> <td>Application Number:</td> <td>13543399</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13543065	Application Number:	13543394	Application Number:	13543399				
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Application Number:	13543065												
Application Number:	13543394												
Application Number:	13543399												
CORRESPONDENCE DATA													
Fax Number:	(650)493-6811												
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Email:	ammiller@wsgr.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Uale Taotafa, Ph.D., Esq.												
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CH \$120.00 13543065

ATTORNEY DOCKET NUMBER:	25922-780.309, 310, 311
NAME OF SUBMITTER:	Anna Miller
Total Attachments: 4 source=25922-780-308-Assignment#page1.tif source=25922-780-308-Assignment#page2.tif source=25922-780-308-Assignment#page3.tif source=25922-780-308-Assignment#page4.tif	

WHEREAS, the undersigned:

- |   |  |  |
|---|--|--|
| 1. HONIGBERG, Lee<br>965 Esmeralda Ave. #3<br>San Francisco, CA 94110 | 2. VERNER, Erik J.<br>1521 Nortre Dame Ave.<br>Belmont, CA 94002 | 3. BUGGY, Joseph J.<br>858 Cuesta Drive<br>Mountain View, CA 94040 |
| 4. LOURY, David J.<br>7130 Galli Drive<br>San Jose, CA 95129          | 5. CHEN, Wei<br>791 Ridgeview Terrace<br>Fremont, CA 94536       |  |

(hereinafter "Inventor(s)), have invented certain new and useful improvements in

### INHIBITORS OF BRUTON'S TYROSINE KINASE

- for which a United States patent application is executed on even date herewith;
- for which Application No. 12/594,805 was filed on October 5, 2009 in the United States Patent Office;
- for which Application No. \_\_\_ was filed on \_\_\_ in the U.S. Receiving Office of the Patent Cooperation Treaty;
- for which Application No. \_\_\_ was filed on \_\_\_ in the \_\_\_ Patent Office; and/or
- for which an application was filed upon which a United States Patent issued on \_\_\_, as U.S. Patent No.

(hereinafter "Application(s)").

WHEREAS, Pharmacyclics, Inc., a corporation of the State of Delaware, having a place of business at 995 East Arques Ave., Sunnyvale, CA 94085, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

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Docket Number 25922-780.831

4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 4/27/2010 Lee Honigberg

State/Commonwealth of \_\_\_\_\_ )
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me,

(Name/Title of Notary) personally appeared Lee Honigberg (Name of Signer) who 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 s/he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State/Commonwealth of \_\_\_\_\_ that the foregoing paragraph is true and correct.

(Notary Seal)

WITNESS my hand and official seal.

Signature:

Date: 4/12/2010 Erik J. Verner

State/Commonwealth of \_\_\_\_\_ )
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me,

(Name/Title of Notary) personally appeared Erik J. Verner (Name of Signer) who 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 s/he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State/Commonwealth of \_\_\_\_\_ that the foregoing paragraph is true and correct.

(Notary Seal)

WITNESS my hand and official seal.

Signature:

PATENT ASSIGNMENT

Docket Number 25922-780.831

Date: 3/12/10 Joseph J. Buggy  
Joseph J. Buggy

State/Commonwealth of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me,

\_\_\_\_\_  
(Name/Title of Notary) personally appeared **Joseph J. Buggy** (Name of Signer) who 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 s/he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State/Commonwealth of \_\_\_\_\_ that the foregoing paragraph is true and correct.

(Notary Seal)

WITNESS my hand and official seal.

Signature:

Date: 12 March 2010 David J. Loury  
David J. Loury

State/Commonwealth of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me,

\_\_\_\_\_  
(Name/Title of Notary) personally appeared **David J. Loury** (Name of Signer) who 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 s/he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State/Commonwealth of \_\_\_\_\_ that the foregoing paragraph is true and correct.

(Notary Seal)

WITNESS my hand and official seal.

Signature:

Date: 3/12/2010 *Wei Chen*  
Wei Chen

State/Commonwealth of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me,  
\_\_\_\_\_  
(Name/Title of Notary) personally  
appeared **Wei Chen** (Name of Signer) who 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 s/he executed the same in his/her authorized capacity, and  
that by his/her signature on the instrument the person, or entity upon behalf of which  
the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the \_\_\_\_\_ (Notary Seal)  
State/Commonwealth of \_\_\_\_\_ that the foregoing paragraph is true  
and correct.

WITNESS my hand and official seal.

Signature:  
\_\_\_\_\_

RECEIVED AND AGREED TO BY ASSIGNEE: Pharmacyclics, Inc.

Date: 12 March 2010

By: *David Loury*  
Name: **David Loury, Ph.D.**  
Title: **Chief Scientific Officer**