

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>01/29/2009</td> </tr> <tr> <td>Zhengying Pan</td> <td>02/04/2009</td> </tr> <tr> <td>Erik Verner</td> <td>02/02/2009</td> </tr> </tbody> </table>		Name	Execution Date	Lee Honigberg	01/29/2009	Zhengying Pan	02/04/2009	Erik Verner	02/02/2009		
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<table border="1"> <tr> <td>Name:</td> <td>Pharmacyclics, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>995 East Arques Avenue</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94085</td> </tr> </table>		Name:	Pharmacyclics, Inc.	Street Address:	995 East Arques Avenue	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94085
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CORRESPONDENCE DATA											
<p>Fax Number: (650)493-6811 Phone: (650)493-9300 Email: ammill@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></p> <p>Correspondent Name: Uale Taotafa, Ph.D., Esq. Address Line 1: 650 Page Mill Road Address Line 2: WSGR Address Line 4: Palo Alto, CALIFORNIA 94304-1050</p>											
ATTORNEY DOCKET NUMBER:	25922-750.314										
NAME OF SUBMITTER:	Anna Miller										
Total Attachments: 1 source=25922-750-314-Assignment#page1.tif											

CH \$40.00 13361730

PATENT ASSIGNMENT

Docket Number 25922-750.401

WHEREAS, the undersigned:

1. **HONIGBERG, Lee**
965 Esmeralda Ave., #3
San Francisco, California 94110

2. **VERNER, Erik**
1712 Peck Avenue
San Mateo, California 94401

3. **PAN, Zhengying**
2105 Cypress Court
Alpharetta, Georgia 30005

(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. 12/356,498 was filed on January 20, 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, **Pharmacvics, Inc.**, a corporation of the State of **Delaware**, having a place of business at **995 East Arques Avenue, Sunnyvale, California 94085-4521**, (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:

- 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).
- 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.
- 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.
- 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.
- 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: 1/29/09 Lee Honigberg
Lee HONIGBERG
Date: Feb. 2, 2009 Erik Verner
Erik VERNER

Date: Feb. 4, 2009 Zhengying Pan
Zhengying PAN

RECEIVED AND AGREED TO BY ASSIGNEE:

Date: 01/29/2009

By: Robert W. Duggan
Name: Robert W. Duggan
Title: Chairman and Chief Executive Officer