

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5666351

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH J. BUGGY	09/21/2011
GWEN FYFE	11/20/2011
LEE HONIGBERG	05/24/2019
DAVID J. LOURY	09/15/2011
RECEIVING PARTY DATA	
Name:	PHARMACYCLICS LLC
Street Address:	995 E. ARQUES AVE.
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94085
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16536058
CORRESPONDENCE DATA	
Fax Number:	(617)832-7000
<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:	(617) 832-1286
Email:	patentdocketing@foleyhoag.com, cle@foleyhoag.com
Correspondent Name:	FOLEY HOAG LLP
Address Line 1:	155 SEAPORT BOULEVARD
Address Line 4:	BOSTON, MASSACHUSETTS 02210-2600
ATTORNEY DOCKET NUMBER:	PIR-81920
NAME OF SUBMITTER:	CAREN LE
SIGNATURE:	/Caren Le/
DATE SIGNED:	08/13/2019
Total Attachments: 5	
source=PIR81920Assignment#page1.tif	
source=PIR81920Assignment#page2.tif	
source=PIR81920Assignment#page3.tif	

source=PIR81920Assignment#page4.tif

source=PIR81920Assignment#page5.tif

PATENT ASSIGNMENT

Docket Number 25922-819.201

WHEREAS, the undersigned:

- | | | | |
|--|--|---|--|
| 1. Buggy, Joseph J.
858 Cuesta Drive
Mountain View, CA 94040 | 2. Elias, Laurence
41 Alvarado Road
Berkeley, CA 94705 | 3. Fyle, Gwen
20 La Ferrara Terrace
San Francisco, CA 94133 | 4. Hedrick, Eric
59 Hobart Avenue
Summit, NJ 07901 |
| 5. Loury, David J.
7130 Galli Drive
San Jose, CA 95129 | 6. Mody, Tarak D.
955 La Mesa Terrace #E
Sunnyvale, CA 94086 | | |

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

THE USE OF INHIBITORS OF BRUTON'S TYROSINE KINASE (BTK)

- ☐ for which a United States patent application is executed on even date herewith;
☒ for which Application No. 13/153,317 was filed on June 3, 2011 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 Avenue, 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:

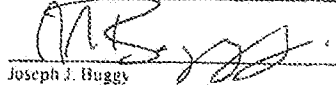
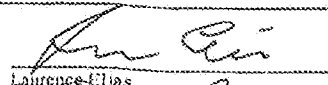
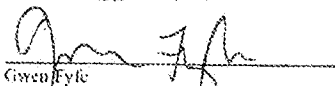
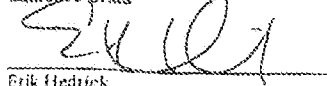

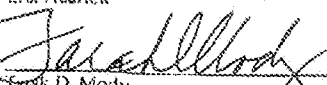
- Said inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said inventions and said Applications, including the right to claim priority to said inventions and said Applications; (b) in and to all rights to all United States and 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.

PATENT ASSIGNMENT

Docket Number 25922-819.201

6 This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

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

Date: <u>9-21-11</u>	 Joseph J. Buggy	Date: <u>9/16/11</u>	 Laurence Elias
Date: <u>11/20/11</u>	 Owen Fyfe	Date: <u>9/20/11</u>	 Erik Hedrick
Date: <u>15 Sept 2011</u>	 David J. Loury	Date: <u>9/16/11</u>	 Sarah D. Mody

RECEIVED AND AGREED TO BY ASSIGNEE: Pharmacyclies, Inc.

Date: 15 Sept 2011

By: 

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

ASSIGNMENT

WHEREAS I, Lee HONIGBERG of San Francisco, California hereinafter the "Assignor", have made certain new and useful inventions as described in:

United States Patent Application No. 15/965,114, filed on April 27, 2018 entitled "USE OF INHIBITORS OF BRUTONS TYRSINE KINASE (BTK)" {Atty. Docket No. PIR-81918};

WHEREAS, Pharmacyclics LLC, a Limited Liability Company organized and existing under the laws of Delaware having a place of business at 995 E. Arques Avenue, Sunnyvale, CA 94085 hereinafter the "Assignee", desires to acquire the entire right, title and interest in and to the inventions and the patent application(s) identified above, and all patents, foreign and domestic, which may be obtained for said inventions, and Assignor desires to assign such rights to Pharmacyclics LLC, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which is hereby acknowledged:

1. The Assignor has sold, conveyed, assigned and transferred, and by these presents does sell, convey, assign and transfer, to the Assignee their entire right, title and interest for the United States and all other jurisdictions in and to the inventions and the patent application(s) identified above, and any patents that may issue for said inventions, together with all patent applications, patents, utility models and designs therefore, including without limitation all continuations, divisions, renewals, revivals, reissues, reexaminations, extensions, supplementary protection certificates, and any substitute applications thereof, including the full right to claim all benefits and priority rights thereto under any applicable convention or treaty including without limitation the Paris Convention, and all rights of action arising from the foregoing, including without limitation all claims for damages by reason of present, past and future infringement or violation of the foregoing and all present, past and future rights to sue and collect damages or seek injunctive relief for any such infringement or violation of the foregoing, in each case, to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns.

2. The Assignor hereby covenants and agrees that Assignor has the full right to convey the interests granted by this Assignment; and that the Assignor will assist the Assignee (including 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 Assignee) in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the inventions identified above, in vesting in the Assignee with exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in the defense and enforcement of any rights arising out of such patent application or patent, or this Assignment; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

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 the Assignor and their heirs, legal representatives and assigns.

IN WITNESS WHEREOF, the Assignor has executed this Assignment.



Lee HONIGBERG



Date