## 505137378 10/11/2018

EPAS ID: PAT5184141

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NORBERT PURRO	06/01/2013

### **RECEIVING PARTY DATA**

Name:	PHARMACYCLICS, INC.
Street Address:	995 EAST ARQUES AVENUE
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94085

## **PROPERTY NUMBERS Total: 2**

Property Type	Number
Application Number:	16035449
Application Number:	16110999

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	PIR-85384; PIR-85389
NAME OF SUBMITTER:	FRAN GRIZEY
SIGNATURE:	/Fran Grizey/
DATE SIGNED:	10/11/2018

**Total Attachments: 1** 

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PATENT 505137378 REEL: 047136 FRAME: 0184

PATENT ASSIGNMENT	Docket Number: 25922-853.101		
WHEREAS, the undersigned:			
1. PURRO, Norbert 15460 Corinne Drive Los Gatos, CA 95032			
(hereinafter "Inventor(s))," have invented certain new and useful improvements in			
CRYSTALLINE FORMS OF A BRUTON'S TYROSINE KINASI	E INHIBITOR		
for which a United States patent application is executed on even date herewith;  for which Application No. 61/655,381 was filed on June 4, 2012 in the United States Patent  for which Application No was filed on in the U.S. Receiving Office of the Patent of the Patent Office; and/or 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 (hereinafter "Application(s)").	atent Cooperation Treaty;		
WHEREAS, <u>Pharmacyclics Inc.</u> , a corporation of the State of <u>Delaware</u> , having a place of business at <u>995</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or se collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other thereon granted in the United States, foreign countries, or under any international convention, agreement,	on(s) and the inventions disclosed therein, and in verally, by said Inventor(s) (hereinafter forms of protection (hereinafter "Patent(s)")		
NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by sa said Assignee:	id Inventor(s) to have been received in full from		
1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the en Inventions and said Applications, including the right to claim priority to said Inventions and said Application and corresponding non-United States patent applications and Patent(s), including those filed under the Par Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any United States, in any foreign country, or under any international convention, agreement, protocol, or treaty any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation in and to each and every reissue, reexamination, or extensions of any of said Patent(s).	ions; (b) in and to all rights to all United States is Convention for the Protection of Industrial and all Patent(s) granted on said Inventions in the , including each and every application filed and		
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.			
<ol> <li>The terms and covenants of this assignment shall inure to the benefit of said Assigner representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and</li> </ol>			
4. Said Inventor(s) hereby warrant and represent that they have not entered and will not understanding in conflict herewith.	enter into any assignment, contract, or		
5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the epresentatives and assigns.			
6. This instrument will be interpreted and construed in accordance with the laws of the Saw principles. If any provision of this instrument is found to be illegal or unenforceable, the other provision greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed and the same agreement.	ons shall remain effective and enforceable to the		
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said	Assignee as of the dates written below:		
Date: June 1, 2013 Norbert PURRO			

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Date: June 1, 2013

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**PATENT** REEL: 033085 FRAME: 0586

RECORDED: 00/04/2018