

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4439562

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KUNWAR SHAILUBHAI	05/16/2013
GARY S. JACOB	05/16/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SYNERGY PHARMACEUTICALS, INC.
<b>Street Address:</b>	420 LEXINGTON AVENUE
<b>Internal Address:</b>	SUITE 2012
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10170
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15049740
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)842-7899
<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>	
<b>Phone:</b>	202-842-7800
<b>Email:</b>	cphillipnouchet@cooley.com, zpatdcdocketing@cooley.com
<b>Correspondent Name:</b>	COOLEY LLP
<b>Address Line 1:</b>	1299 PENNSYLVANIA AVENUE NW, SUITE 700
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004
<b>ATTORNEY DOCKET NUMBER:</b>	SYPA-003C06US 321994-2263
<b>NAME OF SUBMITTER:</b>	ANNE E. FLECKENSTEIN
<b>SIGNATURE:</b>	/Anne E. Fleckenstein/
<b>DATE SIGNED:</b>	06/01/2017
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

We, **Kunwar Shailubhai and Gary S. Jacob**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **Synergy Pharmaceuticals, Inc.**, with offices at **420 Lexington Avenue, Suite 1609, New York, New York 10170**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### **AGONISTS OF GUANYLATE CYCLASE USEFUL FOR THE TREATMENT OF GASTROINTESTINAL DISORDERS, INFLAMMATION, CANCER AND OTHER DISORDERS**

filed with the U.S. Patent and Trademark Office on **April 5, 2013**, and assigned Application No. **13/857,283**, which is a continuation application of U.S. Patent Application No. **13/010,267**, filed on **January 20, 2011**; which is a continuation application of U.S. Patent Application No. **12/133,344**, filed on **June 4, 2008**; which claims the benefit of U.S. Provisional Application No. **60/933,194**, filed on **June 4, 2007**; and including any subsequently filed utility applications, which claim priority to, or the benefit of, Application No. **13/857,283**, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

First Inventor : Kunwar Shailubhai  
Application No. : 13/857,283  
Filed : April 5, 2013  
Page 2 of 3

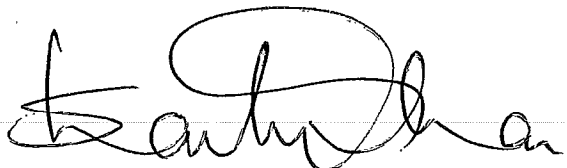
We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date:

05/16/2013



Signature of: Kunwar Shailubhai

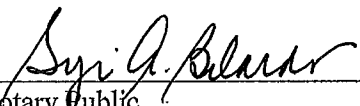
State of

New York

County of

New York

On this 16<sup>th</sup> day of May, 20 13, before me, the undersigned notary public, personally appeared Kunwar Shailubhai, proved to me through satisfactory evidence of identification, which was a Driver's License, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

  
Notary Public

My commission expires

11/9/2014

SYLVIA A. BELARDO  
Notary Public, State of New York  
No. 01BE6015783  
Qualified in New York County  
Commission Expires November 9, 2014

First Inventor : Kunwar Shailubhai  
Application No. : 13/857,283  
Filed : April 5, 2013  
Page 3 of 3

Date: \_\_\_\_\_

5/16/13

Signature of: Gary S. Jacob



State of \_\_\_\_\_

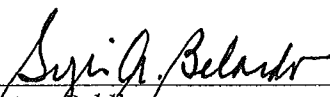
New York

County of \_\_\_\_\_

New York

On this 16<sup>th</sup> day of May, 2013, before me, the undersigned notary public, personally appeared Gary S. Jacob, proved to me through satisfactory evidence of identification, which was a Driver's License, to be the person whose name is signed on this document and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public



My commission expires

11/9/2014

SYLVIA A. BELARDO  
Notary Public, State of New York  
No. 01BE6015783  
Qualified in New York County  
Commission Expires November 9, 2014