

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	STEPHEN M. CARL	03/28/2014	
	JOHN STANLEY VRETTOS	03/27/2014	
	WILLIAM STERN	03/27/2014	
RECEIVING PARTY DATA			
Name:	ENTERIS BIOPHARMA, INC.		
Street Address:	83 FULTON STREET		
City:	BOONTON		
State/Country:	NEW JERSEY		
Postal Code:	07005		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	15184971	
CORRESPONDENCE DATA			
Fax Number:	(617)897-0909		
<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>			
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ATTORNEY DOCKET NUMBER:	146551-010511/CON		
NAME OF SUBMITTER:	DAVID J. DYKEMAN		
SIGNATURE:	/David J. Dykeman, Reg. No. 46,678/		
DATE SIGNED:	09/19/2016		
Total Attachments: 3			
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ASSIGNMENT

We, **Stephen M. Carl, John Stanley Vrettos, and William Stern**, 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 **Enteris BioPharma, Inc.**, with offices at **83 Fulton Street, Boonton, New Jersey 07005**, 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:

PHARMACEUTICALS FOR ORAL DELIVERY

filed with the U.S. Patent and Trademark Office on **March 5, 2014**, and assigned U.S. **Application No. 14/197,405**, which claims the benefit of US **Provisional Application No. 61/925,443** filed **January 9, 2014**, which claims the benefit of US **Provisional Application No. 61/772,927** filed **March 5, 2013**, and including any subsequently filed applications in any country of the world, which claim priority to, and/or the benefit of any of U.S. **Application No. 14/197,405**, U.S. **Provisional Application No. 61/925,443**, and U.S. **Provisional Application No. 61/772,927** including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications thereof; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in 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 : Stephen M. Carl
Application No. : 14/197,405
Filed : March 5, 2014
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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: 03/18/2014


Signature of: Stephen M. Carl

State of New Jersey
County of Morris

On this 18th day of MARCH, 2014, before me, the undersigned notary public, personally appeared Stephen M. Carl, proved to me through satisfactory evidence of identification, which was a NO 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.

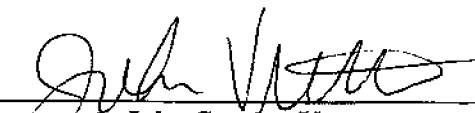

Notary Public

My commission expires Apr. 15, 2018

JUSTIN E ROMANOWSKI
Notary Public
State of New Jersey
My Commission Expires Apr 15, 2018

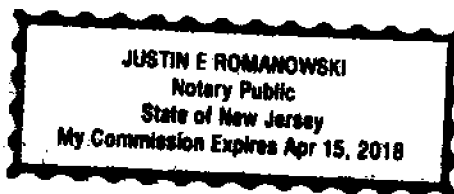
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Date: 27-March-2014


Signature of: John Stanley Vrettos

State of New Jersey
County of Hunterdon

On this 27th day of March, 2014, before me, the undersigned notary public, personally appeared John Stanley Vrettos, proved to me through satisfactory evidence of identification, which was a NY Drivers 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.



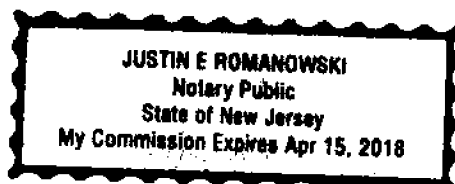

Notary Public
My commission expires Apr. 15, 2018

Date: 27-March-2014


Signature of: William Stern

State of New Jersey
County of Hunterdon

On this 27th day of March, 2014, before me, the undersigned notary public, personally appeared William Stern, proved to me through satisfactory evidence of identification, which was a NY Drivers 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 Apr. 15, 2018