503103438 12/16/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUDITH DUBACH-POWELL	07/21/2014
RUDOLF HAUSMANN	07/21/2014

RECEIVING PARTY DATA

Name:	SANTHERA PHARMACEUTICALS (SCHWEIZ) AG	
Street Address:	HAMMERSTRASSE 49	
City:	LIESTAL	
State/Country:	SWITZERLAND	
Postal Code:	CH-4410	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14372878

CORRESPONDENCE DATA

Fax Number: (704)353-7975

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.

Phone: 828-592-1834

Email: varney@propatllc.com

Correspondent Name: PROPAT, LLC

Address Line 1: 1794 DEER PARK LAKE ROAD

Address Line 4: SPRUCE PINE, NORTH CAROLINA 28777

ATTORNEY DOCKET NUMBER:	12/001 LTS NS	
NAME OF SUBMITTER:	ABIGAIL C. VARNEY	
SIGNATURE:	/Abigail C. Varney/	
DATE SIGNED:	12/16/2014	

Total Attachments: 2

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PATENT 503103438 REEL: 034519 FRAME: 0938

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Santhera Pharmaceuticals (Schweiz) AG Hammerstrasse 49 CH-4410 Liestal Switzerland

(bereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

Transmucosal administration system for a pharmaceutical drug

as set forth in this United States Patent Application

Serial No. 14/372, 878

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made:

Each of the undersigned hereby authorises and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

PATENT REEL: 034519 FRAME: 0939 Each of the undersigned hereby grants the firm of ProPat LLC the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signed this July 21, 2014

NAMES AND SIGNATURES OF INVENTORS:

(Indith DUBACH-POWELL)

(Rudolf HAUSMANN)

NAMES AND SIGNATURES OF WITNESSES:

Oliver Strub Gassel Connect

RECORDED: 12/16/2014

Dr. Günther Metz VP Operations & Alliance Mgmt

PATENT REEL: 034519 FRAME: 0940