505733324 10/21/2019

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| PETER SCHEURER | 02/15/2016 |
| REINHARD SCHINZEL | 02/15/2016 |
| FRANK TEGTMEIER | 02/15/2016 |

RECEIVING PARTY DATA

| Name: | VASOPHARM GMBH |
|-----------------|---------------------------|
| Street Address: | FRIEDRICH-BERGIUS-RING 15 |
| City: | WUERZBURG |
| State/Country: | GERMANY |
| Postal Code: | 97076 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16659401 |

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER: SWK.030CT3

NAME OF SUBMITTER: KRISTEN LEMME

SIGNATURE: /Kristen Lemme/

DATE SIGNED: 10/21/2019

Total Attachments: 4

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PATENT 505733324 REEL: 050782 FRAME: 0339

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ASSIGNMENT

WHEREAS, we, Peter SCHEURER, Frank TEGTMEIER and Reinhard SCHINZEL (hereinafter collectively referred to as "ASSIGNOR") have invented new and useful improvements in SOLID PHARMACEUTICAL COMPOSITIONS COMPRISING BIOPTERIN DERIVATIVES AND USES OF SUCH COMPOSITIONS, for which a U.S. National Phase application will be filed herewith and which claims the benefit of priority to International Application No. PCT/EP2015/056824, filed March 30, 2015, which claims the benefit of priority to European Patent Application No. 14162727.3, filed on March 31, 2014; and

WHEREAS, **VASOPHARM GMB**H, (hereinafter "ASSIGNEE"), a corporation, whose post-office address is Friedrich-Bergius-Ring 15, 97076, Wuerzburg (DE), is desirous of acquiring our entire interest in the same;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and 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 ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of TechLaw LLP the power and authority 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.

Two (2) signature pages follow.

| IN WITNESS WHERE | OF , I have executed this Assignment this 15 day |
|----------------------|---|
| of February | , 2016. |
| | |
| | Man Comment |
| | Peter Scheurer |
| | |
| 12: | |
| Witness Signature | |
| | |
| Dr. Frank Tegtmeie | ~ |
| Witness Printed Name | |
| 4.5 | |
| 15 February 2016 | |
| Date | |
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| IN WITNESS WHEREO | F, I have executed this Assignment this |
| of February | · |
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| | Fronk Tootmain |
| 1. IM | Frank Tegtmeier |
| Credy Clay | |
| Witness Signature | |
| Dr. Peter Scheurer | |
| Witness Printed Name | |
| 15 February 2016 | |
| Date / | |

IN WITNESS WHEREOF, I have executed this Assignment this ______ day

| of February, 2016. |
|--|
| Witness Signature |
| Dr. Peter Scheurer Witness Printed Name |
| 15 February 2016 Date |
| Accepted for and on behalf of VASOPHARM GMBH |
| Name: Dz Frank Tegtmelli |
| Title: CSO |
| Date: 15, 2, 2016 |
| Witness Signature Dr. Peter Scheurer Witness Printed Name 15 February 2016 |

PATENT REEL: 050782 FRAME: 0344

RECORDED: 10/21/2019

Date