504385482 05/25/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4432178

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| GREGORY MCKENZIE | 03/04/2014 |
| MARY-JANE LOMBARDO MCKENZIE | 03/04/2014 |
| DAVID N. COOK | 03/04/2014 |
| MARIN VULIC | 03/04/2014 |
| GEOFFREY VON MALTZAHN | 03/04/2014 |
| BRIAN GOODMAN | 03/27/2014 |
| JOHN GRANT AUNINS | 03/04/2014 |
| MATTHEW R. HENN | 03/04/2014 |
| DAVID ARTHUR BERRY | 03/04/2014 |
| JONATHAN WINKLER | 03/04/2014 |

RECEIVING PARTY DATA

| Name: | SERES HEALTH, INC. |
|-----------------|----------------------------|
| Street Address: | 161 FIRST STREET, SUITE 1A |
| City: | CAMBRIDGE |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02142 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15415745 |

CORRESPONDENCE DATA

Fax Number: (650)938-5200

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: 4158752316

Email: rpelayo@fenwick.com

Correspondent Name: SUSAN T. HUBL

Address Line 1:FENWICK & WEST LLPAddress Line 2:801 CALIFORNIA STREET

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER: | 36011

504385482 REEL: 042512 FRAME: 0468

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| NAME OF SUBMITTER: | SUSAN T. HUBL, REG NO. 47,688 | |
|--|-------------------------------|--|
| SIGNATURE: /Susan T. Hubl/ | | |
| DATE SIGNED: | 05/25/2017 | |
| Total Attachments: 8 | | |
| source=36011 US Assignment Fully Executed by Inventors#page1.tif | | |
| source=36011 US Assignment Fully Executed by Inventors#page2.tif | | |
| source=36011 US Assignment Fully Executed by Inventors#page3.tif | | |
| source=36011 US Assignment Fully Executed by Inventors#page4.tif | | |
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PATENT REEL: 042512 FRAME: 0469

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Seres Health, Inc., a Delaware corporation, having a place of business at 161 First Street, Suite 1A, Cambridge, MA 02142 ("ASSIGNEE"), for itself and its successors, transferrees, and assignces, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
- Application No. 14/197,044, entitled "COMPOSITIONS AND METHODS," filed on March 4, 2014, which claims priority from International Application No. PCT/US2014/014745, filed on Feb. 4, 2014, which claims priority to U.S. Provisional Application No. 61/760,584, filed February 4, 2013 and U.S. Provisional Application No. 61/760,585, filed February 4, 2013, and U.S. Provisional Application No. 61/760,574, filed February 4, 2013, and U.S. Provisional Application No. 61/760,606, filed February 4, 2013, and U.S. Provisional Application No. 61/760,606, filed February 4, 2013, and U.S. Provisional Application No. 61/926,918, filed January 13, 2014.
- 2. The entire worldwide right, title, and interest in and to:

 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
 (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

Title:

COMPOSITIONS AND METHODS

Filed:

March 4, 2014

Application No.:

14/197,044

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

By signing below, INVENTOR further attests to the following:

- The APPLICATION was made or authorized to be made by INVENTOR.
- INVENTOR believes that INVENTOR is the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

INVENTOR hereby acknowledges that any willful false statement made in this document is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

The effective date of this Assignment is March 4, 2014.

| Name and Signature | Date of Signature |
|--------------------------------|-------------------|
| L Mitie | Mar 4, 2014 |
| GNEGORY MCKENZIE | |
| Name and Signature | Date of Signature |
| Many Anelsonbards Makey | 8/4/2014 |
| MARY-JANE LOMBARDO MCKENZIE | |
| Name and Signature | Date of Signature |
| D-na | 3/4/2014 |
| DAVID N. COOK | |

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FW Docket 28413-25970 PCT

PATENT REEL: 042512 FRAME: 0471

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COMPOSITIONS AND METHODS

March 4, 2014 14/197,044

Application No.:

Name and Signature Date of Signature 03/09/2014 Name and Signature Date of Signature GEOFFREY VON MALTZAHN Name and Signature Date of Signature Name and Signature Date of Signature JOHN GRANT AUNINS Name and Signature Date of Signature 2014. 63.04 MATTHEW R. HENN Name and Signature Date of Signature DAVID ARTHUR BERRY

| Title: Filed: Application No.: | COMPOSITIONS A March 4, 2014 14/197,044 | ND METHODS |
|--------------------------------------|---|-------------------|
| Name and Signat | ure | Date of Signature |
| JONATHAN WI | Willer NKLER | 3/4/14 |

ASSIGNMENT

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 (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

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Title: Filed: COMPOSITIONS AND METHODS

Filed: Application No.: March 4, 2014 14/197,044

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INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

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| Name and Signature | Date of Signature |
|--------------------------------|-------------------|
| GREGORY MCKENZIE | |
| | |
| Name and Signature | Date of Signature |
| | * |
| MARY-JANE LOMBARDO MCKENZIE | |
| Name and Signature | Date of Signature |
| | |
| DAVID N. COOK | |

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FW Docket 28413-25970 PCT

| Title | 9: |
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COMPOSITIONS AND METHODS

Filed: Application No.: March 4, 2014 14/197,044

| Name and Signature | Date of Signature |
|---|---------------------------------------|
| MARIN VULIC | · |
| Name and Signature GEOFFREY VON MALTZAHN | Date of Signature |
| Name and Signature | Date of Signature |
| BRIAN GOODMAN | · · · · · · · · · · · · · · · · · · · |
| Name and Signature | Date of Signature |
| JOHN GRANT AUNINS | |
| Name and Signature | Date of Signature |
| MATTHEW R. HENN | |
| Name and Signature | Date of Signature 3 4 2014 |

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FW Docket 28413-25970 PCT

| Title: Filed: Application No.: | COMPOSITIONS A March 4, 2014 14/197,044 | ND METHODS | |
|--------------------------------|---|-------------------|--|
| Name and Signature | | Date of Signature | |
| JONATHAN WINKI | | | |

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FW Docket 28413-25970 PCT

PATENT REEL: 042512 FRAME: 0477

RECORDED: 05/25/2017