

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4947454

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | RELEASE OF SECURITY INTEREST |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| GPB DEBT HOLDINGS II, LLC | 04/06/2018 |
| RECEIVING PARTY DATA | |
| Name: | EMMAUS LIFE SCIENCES, INC. |
| Street Address: | 21250 HAWTHORNE BLVD, SUITE 800 |
| City: | TORRANCE |
| State/Country: | CALIFORNIA |
| Postal Code: | 90503 |
| Name: | EMMAUS MEDICAL, INC. |
| Street Address: | 21250 HAWTHORNE BLVD, SUITE 800 |
| City: | TORRANCE |
| State/Country: | CALIFORNIA |
| Postal Code: | 90503 |
| PROPERTY NUMBERS Total: 5 | |
| Property Type | Number |
| Application Number: | 13694301 |
| PCT Number: | US2012000557 |
| Patent Number: | 9616041 |
| Application Number: | 15530630 |
| PCT Number: | US2012000576 |
| CORRESPONDENCE DATA | |
| Fax Number: | (213)402-6269 |
| <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> | |
| Phone: | 2137851323 |
| Email: | harrykim@lacwkrr.com |
| Correspondent Name: | HARRY KIM |
| Address Line 1: | LEE ANAV CHUNG WHITE KIM RUGER & RICHTER LLP |
| Address Line 2: | 520 S GRAND AVE STE 1070 |
| Address Line 4: | LOS ANGELES, CALIFORNIA 90071 |

| | |
|--------------------------------|---------------------------|
| ATTORNEY DOCKET NUMBER: | EMMAUS LIFE SCIENCES, INC |
| NAME OF SUBMITTER: | HARRY KIM |
| SIGNATURE: | /s/ Harry Kim |
| DATE SIGNED: | 05/04/2018 |

Total Attachments: 10

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TERMINATION OF SECURITY INTEREST IN PATENTS AND TRADEMARKS

WHEREAS, Emmaus Life Sciences, Inc., a Delaware corporation, and its subsidiaries Emmaus Medical, Inc., a Delaware corporation, Emmaus Medical Japan, Inc., a Japanese corporation, Emmaus Medical Europe Ltd., a U.K. corporation and Newfield Nutrition Corporation, a Delaware corporation (collectively, the "Grantor"), is the owner of record or licensee of certain patents, patent applications, trademarks and trademark applications now issued or pending in the United States Patent and Trademark Office; and

WHEREAS, the Grantor entered into a certain Intellectual Property Security Agreement dated as of December 29, 2017 (the "Security Agreement"), between the Grantor and GPB Debt Holdings II, LLC, a Delaware limited liability company with its principal place of business at 535 West 24th Street, Floor 4, New York, New York 10011 ("Secured Party"), with respect to those patents and patent applications more particularly described in Schedule A to the Security Agreement, attached hereto as Schedule A (the "Patents") and trademark applications more particularly described in Schedule B to the Security Agreement, attached hereto as Schedule B (the "Trademarks"). A true and correct copy of the Patents and Trademarks have been recorded by the United States Patent and Trademark Office;

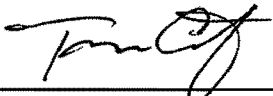
WHEREAS, the Secured Party desires to release its security interest in the Patents and Trademarks and terminate the Security Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Secured Party hereby:

1. Releases and reassigns to the Grantor any and all liens, security interests, right, title and interest of Secured Party pursuant to the Security Agreement in the Patents and Trademarks more particularly described on Schedule A and Schedule B, respectively, without recourse or representation or warranty, express or implied; and
2. Authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to note and record the existence of the release hereby given.

IN WITNESS WHEREOF, Secured Party has caused this Termination of Security Interest in Patents and Trademarks to be signed by its duly authorized representative as of April 6, 2018.

GPB DEBT HOLDINGS II, LLC

By: 
Name: *Tim Creutz*
Title: *Managing Director*

Address for Notices:

535 West 24th Street, Floor 4
New York, NY 10011
Attention: Dustin Muscato

Schedule A

Patents

| <u>Grantor</u> | <u>Country</u> | <u>Title</u> | <u>Application or Patent No.</u> | <u>Application or Registration Date</u> | <u>Assignees</u> |
|----------------|----------------|--|--------------------------------------|---|----------------------------|
| Y. Niihara | US | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 61/629,633 | 11/21/2011 | Emmaus Medical, Inc. |
| Y. Niihara | US | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 13/694,301 | 11/17/2012 | Emmaus Medical, Inc. |
| Y. Niihara | WIPO | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | PCT/US2012/ 000557 | 11/17/2012 | Emmaus Medical, Inc. |
| Y. Niihara | Europe | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 12850971.8 | 05/21/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Japan | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 6089042 2014-542296 | 02/10/2017 05/19/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Japan | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 2016-542296 | 10/25/2016 | Emmaus Medical, Inc. |

Schedule A (cont'd)

Patents

| <u>Grantor</u> | <u>Country</u> | <u>Title</u> | <u>Application or Patent No.</u> | <u>Application or Registration Date</u> | <u>Assignees</u> |
|----------------|----------------|---|----------------------------------|---|----------------------|
| Y. Niihara | Japan | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 2016-542296 | 11/25/2016 | Emmaus Medical, Inc. |
| Y. Niihara | Brazil | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | BR 1 2014 011898 1 | 05/16/2014 | Emmaus Medical, Inc. |
| Y. Niihara | India | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 1037/KOLN/2014 | 05/15/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Philippines | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 1-2014-501052 | 05/09/2014 | Emmaus Medical, Inc. |
| Y. Niihara | China | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | 201280056399 | 05/20/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Indonesia | Methods and Compositions for the Treatment of Diabetes and Related Symptoms | P-00201402912 | 05/16/2014 | Emmaus Medical, Inc. |

Schedule A (cont'd)

Patents

| <u>Grantor</u> | <u>Country</u> | <u>Title</u> | <u>Application or Patent No.</u> | <u>Application or Registration Date</u> | <u>Assignees</u> |
|----------------|----------------|---|--------------------------------------|---|----------------------------|
| Y. Niihara | US | Methods and Compositions for the Treatment of Diverticulosis | 61/630,831 | 12/19/2011 | Emmaus Medical, Inc. |
| Y. Niihara | US | Methods and Compositions for the Treatment of Diverticulosis | 9616041 13/694,592 | 04/11/2017 12/14/2012 | Emmaus Medical, Inc. |
| Y. Niihara | US | Methods and Compositions for the Treatment of Diverticulosis | 15/530,630 | 02/10/2017 | Emmaus Medical, Inc. |
| Y. Niihara | WIPO | Methods and Compositions for the Treatment of Diverticulosis | PCT/US2012/ 000576 | 12/14/2012 | Emmaus Medical, Inc. |
| Y. Niihara | Europe | Methods and Compositions for the Treatment of Diverticulosis | 12860587.0 | 06/25/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Australia | Methods and Compositions for the Treatment of Diverticulosis | 2012355956 2012355956 | 11/03/2016 06/09/2014 | Emmaus Medical, Inc. |

Schedule A (cont'd)

Patents

| <u>Grantor</u> | <u>Country</u> | <u>Title</u> | <u>Application or Patent No.</u> | <u>Application or Registration Date</u> | <u>Assignees</u> |
|----------------|----------------|--|----------------------------------|---|----------------------|
| Y. Niihara | Mexico | Methods and Compositions for the Treatment of Diverticulosis | MX/a/2014/007382 | 06/18/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Brazil | Methods and Compositions for the Treatment of Diverticulosis | BR 11 2014 014765 5 | 06/16/2014 | Emmaus Medical, Inc. |
| Y. Niihara | India | Methods and Compositions for the Treatment of Diverticulosis | 1255/KOLNP/2014 | 06/10/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Korea | Methods and Compositions for the Treatment of Diverticulosis | 10-2014-7016785 | 06/19/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Korea | Methods and Compositions for the Treatment of Diverticulosis | 10-2017-7008405 | 05/28/2017 | Emmaus Medical, Inc. |
| Y. Niihara | Korea | Methods and Compositions for the Treatment of Diverticulosis | 10-2017-7020002 | 07/18/2017 | Emmaus Medical, Inc. |

Schedule A (cont'd)

Patents

| <u>Grantor</u> | <u>Country</u> | <u>Title</u> | <u>Application or Patent No.</u> | <u>Application or Registration Date</u> | <u>Assignees</u> |
|----------------|----------------|---|--------------------------------------|---|----------------------------|
| Y. Niihara | China | Methods and Compositions for the Treatment of Diverticulosis | 2275729 2012800628024 | 10/09/2016 06/18/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Indonesia | Methods and Compositions for the Treatment of Diverticulosis | P-00201403584 | 06/18/2014 | Emmaus Medical, Inc. |
| Y. Niihara | Russia | Methods and Compositions for the Treatment of Diverticulosis | 2014123433 | 06/09/2014 | Emmaus Medical, Inc. |
| Y. Niihara | US | Combination Glutamine and Alkali Therapy | TBD | TBD | |
| Y. Niihara | US | Combination Glutamine and Hydroxyurea | TBD | TBD | |
| Y. Niihara | US | Combination Glutamine and Various Agents (<i>e.g.</i> , Statins) | TBD | TBD | |

Schedule B

Trademarks

| <u>Grantor</u> | <u>Country</u> | <u>Title</u> | <u>Application or Patent No.</u> | <u>Application or Registration Date</u> | <u>Assignees</u> |
|----------------|----------------|----------------------------|--------------------------------------|---|----------------------------|
| | US | Trademark for AMINOPURE | 3,514,187 78806935 | 10/07/2008 02/03/2006 | Emmaus Medical, Inc. |
| | Taiwan | Trademark for AMINOPURE | 01546380 100066814 | 11/01/2012 12/28/2011 | Emmaus Medical, Inc. |
| | Ghana | Trademark for AMINOPURE | 000128/2012 | 02/01/2013 | Emmaus Medical, Inc. |
| | Kenya | Trademark for AMINOPURE | 77714 77713 | 10/22/2014 02/20/2013 | Emmaus Medical, Inc. |
| | Korea | Trademark for AMINOPURE | 45-0042982 45-2011- 0005930 | 11/03/2013 12/23/2011 | Emmaus Medical, Inc. |
| | Philippines | Trademark for AMINOPURE | 4-2012-000514 4-2012-000514 | 04/26/2012 01/13/2012 | Emmaus Medical, Inc. |
| | China | Trademark for AMINOPURE | TBD | 07/10/2014 | Emmaus Medical, Inc. |
| | Indonesia | Trademark for AMINOPURE | D002014025913 | 06/09/2014 | Emmaus Medical, Inc. |

Schedule B (cont'd)

Trademarks

| <u>Grantor</u> | <u>Country</u> | <u>Title</u> | <u>Application or Patent No.</u> | <u>Application or Registration Date</u> | <u>Assignees</u> |
|----------------|----------------|---|--------------------------------------|---|----------------------------|
| | Malaysia | Trademark for AMINOPURE | 2014059500 2014059500 | 09/11/2015 06/27/2014 | Emmaus Medical, Inc. |
| | US | Trademark for NOSIC | 85582108 | 03/28/2012 | Emmaus Medical, Inc. |
| | US | Trademark for NOSIK | 85-582217 | 03/28/2012 | Emmaus Medical, Inc. |
| | US | Trademark for EMMAUS | 85582244 | 03/28/2012 | Emmaus Medical, Inc. |
| | US | Trademark for EMMAUS MEDICAL | 85585574 | 03/30/2012 | Emmaus Medical, Inc. |
| | US | Trademark for NUTRESTORE | 3544782 773508888851 | 12/09/2008 12/13/2007 | Emmaus Medical, Inc. |
| | US | Trademark for NUTRESTORE (stylized) | 3727236 77559080 | 10/06/2009 08/29/2008 | Emmaus Medical, Inc. |
| | US | Trademark for RIDSIC | 85912407 | 04/23/2013 | Emmaus Medical, Inc. |

Schedule B (cont'd)

Trademarks

| <u>Grantor</u> | <u>Country</u> | <u>Title</u> | <u>Application or Patent No.</u> | <u>Application or Registration Date</u> | <u>Assignees</u> |
|----------------|----------------|---------------------------------|--------------------------------------|---|----------------------------|
| | US | Trademark for EMMAUS | 86963456 | 04/04/2016 | Emmaus Medical, Inc. |
| | US | Trademark for EMMAUS MEDICAL | 86963532 | 04/04/2016 | Emmaus Medical, Inc. |