505634905 08/22/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5681711

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

### **CONVEYING PARTY DATA**

Name	Execution Date	
DONALD LAD DEVOE	08/16/2019	
RENEE HOOD	08/22/2019	

# **RECEIVING PARTY DATA**

Name:	UNIVERSITY OF MARYLAND, COLLEGE PARK			
Street Address:	7999 REGENTS DRIVE			
City:	COLLEGE PARK			
State/Country:	MARYLAND			
Postal Code:	20742-5213			

# **PROPERTY NUMBERS Total: 3**

Property Type	Number
Application Number:	61896204
Application Number:	14524797
Application Number:	15456111

# **CORRESPONDENCE DATA**

Fax Number: (301)314-9502

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: 3014053947

Email: Patents@Umd.edu

UNIVERSITY OF MARYLAND COLLEGE PARK **Correspondent Name:** 7999 REGENTS DRIVE, 2130 MITCHELL BLDG. Address Line 1:

Address Line 2: ATTN: CHARLENE THOMPSON

Address Line 4: COLLEGE PARK, MARYLAND 20742-5213

ATTORNEY DOCKET NUMBER:	PS-2013-100 PS-2014-158
NAME OF SUBMITTER:	CHARLENE E. THOMPSON
SIGNATURE:	/Charlene E. Thompson/
DATE SIGNED:	08/22/2019

# **Total Attachments: 4**

source=PS-2013-100 Updated Assignments Counter-Signed#page1.tif source=PS-2013-100 Updated Assignments Counter-Signed#page2.tif

**PATENT REEL: 050134 FRAME: 0449** 505634905

source=PS-2013-100 Updated Assignments Counter-Signed#page3.tif source=PS-2013-100 Updated Assignments Counter-Signed#page4.tif

PATENT REEL: 050134 FRAME: 0450

#### INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

THIS AGREEMENT by and between: <u>Renee HOOD</u>, an individual having a principal residence <u>1716 Webster Street, Baltimore, MD 21230</u> (hereinafter referred to as "Assignor"), and the University of Maryland, College Park (hereinafter referred to as "Assignee").

#### WITNESSETH:

WHEREAS, Assignor has created and developed certain inventions, improvements, discoveries, software, or other intellectual property, as described in Assignee Invention Disclosure No. PS-2013-100 entitled " Microfluidic Liposome Synthesis, Punfication, and Active Drug Loading" and further described in the patent applications listed in Appendix A and any and all application(s) for Letters Patent in the United States of America and throughout the world, and all divisional, continuation, continuation-in-part, substitutions, renewals, reissues, extensions and other applications pertaining to the foregoing which have or shall be filed in the United States, any foreign country and other jurisdictions (hereinafter collectively referred to as the "Works"); and

WHEREAS, Assignor agrees that, to the extent the Works are, by operation of law or otherwise, not deemed to be works made for hire within the meaning of the Copyright Act, (Title 17, U.S.C. Section 101, et seq.), Assignor agrees to assign all of his/her right, title and interest in and to the Works to Assignee, and further agrees to take such further actions and to execute such further instruments that Assignee might find reasonable or necessary to perfect or to evidence more clearly its right and claim to exclusive ownership of all of Assignor's worldwide intellectual property interests respecting the Works; and

WHEREAS, Assignor and Assignee now wish to perfect and to evidence more clearly the right and claim of Assignee to exclusive ownership of all of Assignor's intellectual property interests respecting the Works.

NOW, THEREFORE, in consideration of the rights granted to Assignor under the <u>University of Maryland Policy on Intellectual Property</u>, as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time, and other good and valuable consideration furnished by Assignee to Assignor, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee, intending to be legally bound, do hereby covenant and agree as follows:

### Section 1. Assignment of the Works.

Assignor hereby assigns, transfers and conveys to Assignee, its successors, assigns or other legal representatives, without the necessity of any consideration in addition to that recited herein, all of Assignor's right, title and interest in and to the Works. This assignment shall be operative with respect to all intellectual property rights in and to the Works, including (without limitation), (i) all copyrights in the United States and elsewhere, including all rights of registration, publication, renewal, rights to create derivative works and all other rights incident to copyright ownership, for the residue now unexpired of the present term of any and all such copyrights and any term thereafter granted during which the Works are entitled to copyright; (ii) all trade secrets, inventions, know-how, ideas and confidential information embodied or reflected in the Works, including any shop rights, for the longest period of protection accorded to such interest under applicable law; and (iii) all patent rights in the United States and elsewhere, including all rights of registration, publication, renewal, and all other works incident to copyright ownership, for the longest period of protection accorded to such interests under applicable law.

# Section 2. <u>University of Maryland Copyright and Patent Policies.</u>

The assignment of rights perfected hereunder shall be governed by the <u>University of Maryland Policy on Intellectual Property</u> as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time. Royalty income shall be allocated as set forth in those policies.

## Section 3. Warranty.

Assignor warrants and covenants that he/she is an author or inventor of the Works and that as of the date of this Assignment, has taken no action respecting the Works which purports or attempts to transfer or encumber any right, title or interest in or to the Works to any other party; and covenants not to take such action in the future.

### Section 4. <u>Jurisdiction</u>.

The validity, interpretation, and effect of this agreement shall be governed by the laws of the State of Maryland and of the United States of America. Any legal proceedings involving claims or disputes regarding this agreement shall be brought in the appropriate court in the State of Maryland.

WHEREAS, the parties have caused this Assignment to be executed on the dates below.

ASSIGNOR Agreed to by: Rune Hord	ASSIGNEE (University of Maryland) Acknowledged and Agreed to by:			
Printed Name: Renee HOOD Inventor	Printed Name: Félicia Metz Associate Director			
Date: <u>8/22/2019</u>	Date: August 22, 2019			

# APPENDIX A

Assignee Disclosure No.	Country	Patent Application No.	Filing Date	Title	Issued Patent No.	Issue Date
PS-2013-100	U.S. Prov.	61/896204	10/28/2013	Microfluidic Liposome Synthesis, Purification, and Active Drug Loading	NA ,	NA
PS-2013-100 PS-2014-158	US. Non- Prov.	14/524797	10/27/2014	Microfluidic Liposome Synthesis, Purification, and Active Drug Loading	9,592,198	03/14/2017
PS-2013-100 PS-2014-158	US Div. Appl.	15/456111	03/10/2017	Microfluidic Liposome Synthesis, Purification and Active Drug Loading	NA	NA

#### INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

THIS AGREEMENT by and between: <u>Donald Lad DEVOE</u>, an individual having a principal residence <u>5619 Sonoma Rd</u>, <u>Bethesda</u>, <u>MD 20817</u> (hereinafter referred to as "Assigner"), and the University of Maryland, College Park (hereinafter referred to as "Assignee").

#### WITNESSETH:

WHEREAS, Assignor has created and developed certain inventions, improvements, discoveries, software, or other intellectual property, as described in Assignee Invention Disclosure No. PS-2013-100 entitled " Microfluidic Liposome Synthesis, Purification, and Active Drug Loading" and further described in the patent applications listed in Appendix A and any and all application(s) for Letters Patent in the United States of America and throughout the world, and all divisional, continuation, continuation-in-part, substitutions, renewals, reissues, extensions and other applications pertaining to the foregoing which have or shall be filed in the United States, any foreign country and other jurisdictions (hereinafter collectively referred to as the "Works"); and

WHEREAS, Assignor agrees that, to the extent the Works are, by operation of law or otherwise, not deemed to be works made for hire within the meaning of the Copyright Act, (Title 17, U.S.C. Section 101, et seq.), Assignor agrees to assign all of his/her right, title and interest in and to the Works to Assignee, and further agrees to take such further actions and to execute such further instruments that Assignee might find reasonable or necessary to perfect or to evidence more clearly its right and claim to exclusive ownership of all of Assignor's worldwide intellectual property interests respecting the Works; and

WHEREAS, Assignor and Assignee now wish to perfect and to evidence more clearly the right and claim of Assignee to exclusive ownership of all of Assignor's intellectual property interests respecting the Works.

NOW, THEREFORE, in consideration of the rights granted to Assignor under the <u>University of Maryland Policy on Intellectual Property</u>, as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time, and other good and valuable consideration furnished by Assignee to Assignor, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee, intending to be legally bound, do hereby covenant and agree as follows:

#### Section 1. Assignment of the Works.

Assignor hereby assigns, transfers and conveys to Assignee, its successors, assigns or other legal representatives, without the necessity of any consideration in addition to that recited herein, all of Assignor's right, title and interest in and to the Works. This assignment shall be operative with respect to all intellectual property rights in and to the Works, including (without limitation), (i) all copyrights in the United States and elsewhere, including all rights of registration, publication, renewal, rights to create derivative works and all other rights incident to copyright ownership, for the residue now unexpired of the present term of any and all such copyrights and any term thereafter granted during which the Works are entitled to copyright; (ii) all trade secrets, inventions, know-how, ideas and confidential information embodied or reflected in the Works, including any shop rights, for the longest period of protection accorded to such interest under applicable law; and (iii) all patent rights in the United States and elsewhere, including all rights of registration, publication, renewal, and all other works incident to copyright ownership, for the longest period of protection accorded to such interests under applicable law.

#### Section 2. <u>University of Maryland Copyright and Patent Policies.</u>

The assignment of rights perfected hereunder shall be governed by the <u>University of Maryland Policy on Intellectual Property</u> as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time. Royalty income shall be allocated as set forth in those policies.

## Section 3. Warranty.

Assignor warrants and covenants that he/she is an author or inventor of the Works and that as of the date of this Assignment, has taken no action respecting the Works which purports or attempts to transfer or encumber any right, title or interest in or to the Works to any other party; and covenants not to take such action in the future.

### Section 4. <u>Jurisdiction</u>.

The validity, interpretation, and effect of this agreement shall be governed by the laws of the State of Maryland and of the United States of America. Any legal proceedings involving claims or disputes regarding this agreement shall be brought in the appropriate court in the State of Maryland.

WHEREAS, the parties have caused this Assignment to be executed on the dates below.

ASSIGNOR Agreed to by:

\_ \_

Printed Name: Donald Lad DEVOE

Inventor

Date: August 16, 2019

ASSIGNEE (University of Maryland)
Acknowledged and Agreed to by:

Printed Name: Felicia Metz

Associate Director

Date:

August 22, 2019

# APPENDIX A

Assignee Disclosure No.	Country	Patent Application No.	Filing Date	Title	Issued Patent No.	Issue Date
PS-2013-100	U.S. Prov.	61/896204	10/28/2013	Microfluidic Liposome Synthesis, Purification, and Active Drug Loading	NA	NA
PS-2013-100 PS-2014-158	US. Non- Prov.	14/524797	10/27/2014	Microfluidic Liposome Synthesis, Purification, and Active Drug Loading	9,592,198	03/14/2017
PS-2013-100 PS-2014-158	US Div. Appl.	15/456111	03/10/2017	Microfluidic Liposome Synthesis, Purification and Active Drug Loading	NA	NA

Page 2 of 2

PATENT REEL: 050134 FRAME: 0454

RECORDED: 08/22/2019