

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT4477051

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KATHARINA MAISEL	03/10/2015
CRAIG W. HENDRIX	03/09/2015
LAURA M. ENSIGN	03/09/2015
EDWARD FUCHS	03/12/2015
RICHARD CONE	06/26/2017
JUSTIN HANES	03/09/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE JOHNS HOPKINS UNIVERSITY
<b>Street Address:</b>	3400 N. CHARLES STREET
<b>City:</b>	BALTIMORE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	21218
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15120852
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	404-879-2151
<b>Email:</b>	cindy@pabstpatent.com
<b>Correspondent Name:</b>	PABST PATENT GROUP LLP
<b>Address Line 1:</b>	1545 PEACHTREE STREET NE
<b>Address Line 2:</b>	SUITE 320
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	JHU C 12837
<b>NAME OF SUBMITTER:</b>	CINDY PHILLIPS
<b>SIGNATURE:</b>	/Cindy Phillips/
<b>DATE SIGNED:</b>	06/26/2017

**Total Attachments: 7**

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## ASSIGNMENT

We, Katharina Maisel of 4055 Penrose Drive, Troy, Michigan 48098, Craig W. Hendrix of 3600 Platte Court, Ellicott City, Maryland 21042, Laura M. Ensign of 320 Stevenson Lane, Apt. A4, Towson, Maryland 21204, Edward Fuchs of 1215 Canon Way, Westminster, Maryland 21157, Richard Cone of 302 Oakdale Road, Baltimore, Maryland 21210, and Justin Hanes of 6306 Pinehurst Road, Baltimore, Maryland 21212, for good and valuable consideration from The Johns Hopkins University, a University of the State of Maryland, having its principal place of business at 3400 N. Charles Street, Baltimore, Maryland 21218 (hereinafter said "Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in (1) a certain invention(s) and/or improvement(s) in "*HYPOTONIC MICROBICIDAL FORMULATIONS AND METHODS OF USE*" described in International Application No. PCT/US2015/017120 filed in the United States Receiving Office for the Patent Cooperation Treaty on February 23, 2015, by The Johns Hopkins University, and in the provisional applications to which priority is claimed, being U.S. Provisional Applications Serial No. 61/943,421 and 62/108,354 filed in the United States Patent and Trademark Office on February 23, 2014 and January 27, 2015, respectively, (2) International Application No. PCT/US2015/017120 filed February 23, 2015 and U.S. Provisional Applications No. 61/943,421 and 62/108,354 filed February 23, 2014 and January 27, 2015, respectively, and (3) all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention(s), or on said application(s), or any provisional, divisional, continuation, reissue, or other applications based thereon. And we agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form as shall

be approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignee, its successors and assigns.

And we each individually do hereby state (1) that the application(s) was made or was authorized to be made by each of us and (2) that we each believe ourselves to be the original inventor or joint inventor of a claimed invention in the application(s).

And we each individually do hereby authorize Assignee's attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filed date(s), and attorney docket number(s), if necessary.

WITNESS my hand and seal this 10 day of March, 2015.

  
Katharina Maisel

State of Illinois )  
County of USA )

Then personally appeared the above named Katharina Maisel and acknowledged the foregoing instrument to be his/her free act and deed, before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

WITNESS my hand and seal this 9 day of March, 2015.

Craig W. Hendrix  
Craig W. Hendrix

State of Maryland)  
County of U.S.A.)

Then personally appeared the above named Craig W. Hendrix and acknowledged the foregoing instrument to be his/her free act and deed, before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

WITNESS my hand and seal this 9th day of March, 2015.

  
\_\_\_\_\_  
Laura M. Ensign

State of Maryland )  
County of Baltimore )

Then personally appeared the above named Laura M. Ensign and acknowledged the foregoing instrument to be his/her free act and deed, before me this 9th day of March, 2015.

\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

WITNESS my hand and seal this 12 day of March, 2015.

Edward Fuchs  
Edward Fuchs

State of Maryland  
County of Baltimore

Then personally appeared the above named Edward Fuchs and acknowledged the foregoing instrument to be his/her free act and deed, before me this 12 day of March, 2015.

Alan J. Seaver  
Notary Public

My Commission expires: 1-19-2016

be approved by the counsel of said Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignee, its successors and assigns.

And we each individually do hereby state (1) that the application(s) was made or was authorized to be made by each of us and (2) that we each believe ourselves to be the original inventor or joint inventor of a claimed invention in the application(s).

And we each individually do hereby authorize Assignee's attorney to correct any typographical errors on this form, if necessary, and to complete this form by the addition of the application number(s), application filed date(s), and attorney docket number(s), if necessary.

WITNESS my hand and seal this 26<sup>th</sup> day of June, 2017

Richard A Cone  
Richard Cone

Witnesses:

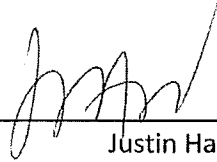
1. Signed: Thomas Moench  
Printed Name: Thomas Moench  
Address: 703 Stags Head Rd  
Baltimore, MD 21286

2. Signed: Jessica K Appel  
Printed Name: Jessica L Appel  
Address: 103 Jenkins Hall  
3400 W Charles St. Baltimore, MD 21218



International Application No. PCT/US2015/017120  
Filed: 23 February 2015  
ASSIGNMENT

WITNESS my hand and seal this 9<sup>th</sup> day of MARCH, 2015.

  
\_\_\_\_\_  
Justin Hanes

State of \_\_\_\_\_)

County of \_\_\_\_\_)

Then personally appeared the above named Justin Hanes and acknowledged the foregoing instrument to be his/her free act and deed, before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_