

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5643224

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID KENNEDY	07/18/2019
STEVEN HALLER	07/15/2019
R. MARK WOOTEN	07/16/2019
DEEPA MUKUNDAN	07/08/2019
APURVA LAD	07/15/2019
JOHN PRESLOID	07/16/2019
JASON HUNTLEY	07/08/2019
BRUCE LEVISON	07/09/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE UNIVERSITY OF TOLEDO
<b>Street Address:</b>	2801 W. BANCROFT STREET
<b>City:</b>	TOLEDO
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	43606
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16454327
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(419)255-9639
<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>	(419) 255-5900
<b>Email:</b>	mst@mstfirm.com
<b>Correspondent Name:</b>	MACMILLAN SOBANSKI & TODD LLC
<b>Address Line 1:</b>	720 WATER STREET
<b>Address Line 2:</b>	ONE MARITIME PLAZA, FIFTH FLOOR
<b>Address Line 4:</b>	TOLEDO, OHIO 43604
<b>ATTORNEY DOCKET NUMBER:</b>	59990-US-PCT/D2018-46
<b>NAME OF SUBMITTER:</b>	CATHERINE B. MARTINEAU
<b>SIGNATURE:</b>	/Catherine B. Martineau/

PATENT

<b>DATE SIGNED:</b>	07/30/2019
---------------------	------------

**Total Attachments: 7**

- source=2019-07-30\_Assignment\_59990-US-NP#page1.tif
- source=2019-07-30\_Assignment\_59990-US-NP#page2.tif
- source=2019-07-30\_Assignment\_59990-US-NP#page3.tif
- source=2019-07-30\_Assignment\_59990-US-NP#page4.tif
- source=2019-07-30\_Assignment\_59990-US-NP#page5.tif
- source=2019-07-30\_Assignment\_59990-US-NP#page6.tif
- source=2019-07-30\_Assignment\_59990-US-NP#page7.tif

# ASSIGNMENT

59990-US-NP/D2018-46

WHEREAS the undersigned inventor(s),

*David Kennedy,  
Steven Haller,  
R. Mark Wooten,  
Deepa Mukundan,  
Apurva Lad,  
John Presloid,  
Jason Huntley, and  
Bruce Levison,*

have made certain inventions in

*Methods, Assays and Kits for Detecting Exposure to Cyanotoxins,*

filed as a *United States Serial No. 16/454,327*, filed *June 27, 2019*, which claims the benefit of *United States Provisional Application No. 62/691,036*, filed on *June 28, 2018*, and

WHEREAS, *The University of Toledo*, of *2801 W. Bancroft Street, Toledo, Ohio, 43606* organized and operating in the State of Ohio, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by the inventors, (all collectively hereinafter termed the "invention"), and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of good and valuable considerations, the receipt of which is hereby acknowledged, I / we have sold, assigned, and transferred, and by these presents do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

And I / we further covenant and agree that I / we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that I / we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s), and each and every reissue, reexamination, or extensions of any of said Patent(s) that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

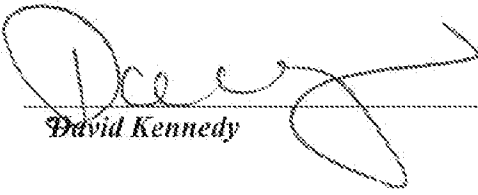
And I / we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for

ASSIGNMENT

59990-US-NP/D2018-46


the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.

I / We do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Assignee, as the assignee of our entire right, title, and interest in and to the same for the sole use and behalf of the said Assignee, and its successors or assigns.

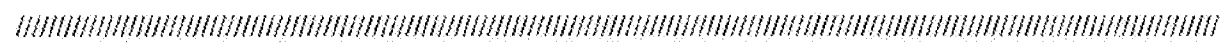
Date 7/12/19   
Date David Kennedy

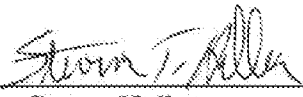
WITNESSED BY:  



Printed Name: Prabhatchandra Dube  
Date: 07/18/19

WITNESSED BY:  


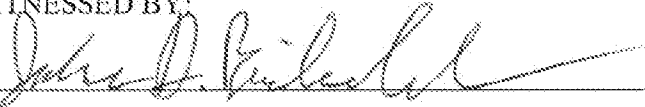
Printed Name: Andrew Kleinhenz  
Date: 7/16/19



Date 7/15/19   
Date Steven Haller

WITNESSED BY:  


Printed Name: Andrew Kleinhenz  
Date: 7/15/19

WITNESSED BY:  


Printed Name: Joshua D. Freidenbach

ASSIGNMENT

59990-US-NP/D2018-46

Date: 7/15/19

7/16/2019  
Date

R Mark Wooten  
R. Mark Wooten

WITNESSED BY:

Brendan Tully

Printed Name: Brendan Tully

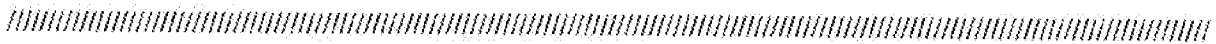
Date: 7-16-2019

WITNESSED BY:

Briana Zellner

Printed Name: Briana Zellner

Date: 7-16-2019



\_\_\_\_\_ Date

\_\_\_\_\_ *Deepa Mukundan*

WITNESSED BY:

\_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

WITNESSED BY:

\_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_



ASSIGNMENT

59990-US-NP/D2018-46

07/15/2019  
Date

*Apurva Lad*  
Apurva Lad

WITNESSED BY:

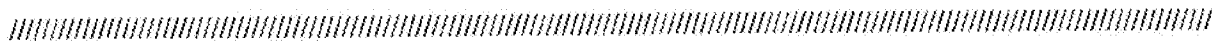
*[Signature]*  
Printed Name: Andrew Kleinhenz

Date: 7/15/19

WITNESSED BY:

*[Signature]*  
Printed Name: Joshua D. Breidenbach

Date: 7/15/19



7-16-19  
Date

*[Signature]*  
John Prestoid

WITNESSED BY:

*[Signature]*  
Printed Name: Leah Wurscher

Date: 7/16/19

WITNESSED BY:

*[Signature]*  
Printed Name: Hanna Kinross

Date: 7/16/19

ASSIGNMENT

39990-US-NP/D2018-46

Date: \_\_\_\_\_

7-8-2019  
Date

  
Jason Huntley

WITNESSED BY:

B. Zellner  
Printed Name: Briana Zellner

Date: 7-8-19

WITNESSED BY:

Laura M. Brown  
Printed Name: Laura M. Brown

Date: 7-8-19

////////////////////////////////////  
/

\_\_\_\_\_  
Date Bruce Levison

WITNESSED BY:

\_\_\_\_\_  
Printed Name:

Date: \_\_\_\_\_

WITNESSED BY:

\_\_\_\_\_



ASSIGNMENT

59990-US-NP/D2018-46

Date

Jason Huntley

WITNESSED BY:

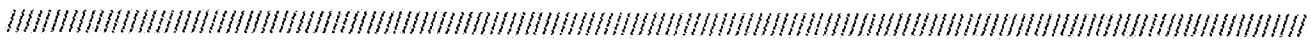
Printed Name:

Date:

WITNESSED BY:

Printed Name:

Date:



7/9/2019

Date

Bruce Levison

Bruce Levison

WITNESSED BY:

[Signature]

Printed Name: Jeremy Loudon

Date: 7/9/19

WITNESSED BY:

[Signature]

Printed Name: Jerome J. Schmitt

Date: 7/9/2019