PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5215107

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AARON T. WRIGHT	10/30/2018
KRISTOFFER R. BRANDVOLD	10/30/2018
SUSAN RAMOS-HUNTER	10/30/2018

RECEIVING PARTY DATA

Name:	BATTELLE MEMORIAL INSTITUTE	
Street Address:	902 BATTELLE BOULEVARD	
City:	RICHLAND	
State/Country:	WASHINGTON	
Postal Code:	99354	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16159429
PCT Number:	US2018055666

CORRESPONDENCE DATA

Fax Number: (503)595-5301

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: 5035955300

Email: morgan.rafalski@klarquist.com
Correspondent Name: KLARQUIST SPARKMAN, LLP
Address Line 1: 121 SW SALMON ST., SUITE 1600
Address Line 2: ONE WORLD TRADE CENTER
Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER:	23-101067-01/-02
NAME OF SUBMITTER:	JOHANNA P. SCHWARTZ
SIGNATURE:	/Johanna P. Schwartz/
DATE SIGNED:	10/31/2018

Total Attachments: 4

source=101067-01 Assignment#page1.tif source=101067-01 Assignment#page2.tif

PATENT 505168339 REEL: 047368 FRAME: 0412

source=101067-01 Assignment#page3.tif source=101067-01 Assignment#page4.tif

PATENT REEL: 047368 FRAME: 0413

ASSIGNMENT

WHEREAS, we, Aaron T. Wright, of Richland, WA, Kristoffer R. Brandvold, of Richland, WA, and Susan J. Ramos-Hunter, of Kennewick, WA have invented a certain invention, as described at least in part in the following patent applications:

U.S. Patent Application No. 16/159,429, filed on October 12, 2018, entitled "BILE SALT HYDROLASE PROBE AND METHOD OF MAKING AND USING THE SAME," and PCT Application No. PCT/US2018/055666, filed on October 12, 2018, entitled "BILE SALT HYDROLASE PROBE AND METHOD OF MAKING AND USING THE SAME," which applications and inventions are collectively referred to as "the Invention."

WHEREAS, Battelle Memorial Institute, a corporation organized under the laws of the State of Ohio, having a place of business at 902 Battelle Boulevard, Richland, WA, 99354, desires to acquire an interest therein.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Aaron T. Wright, Kristoffer R. Brandvold, and Susan J. Ramos-Hunter, hereby sell, assign, and transfer to Battelle Memorial Institute, the full and exclusive right, title, and interest in and to the Invention and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; the Invention, and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues, and extensions thereof, to be held and enjoyed by Battelle Memorial Institute, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Battelle Memorial Institute, or its successors and assigns, any facts known to us respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do everything possible to aid Battelle Memorial Institute, its successors, and assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country.

We confirm that, at the time the Invention was made, we were under an obligation to assign the Invention to Battelle Memorial Institute .

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

Aaron 7. Wright

(City and State)

on this 20 day of October, 20 (1

state of Washins

COUNTY OF BEATIN

SS.

This 20 day of 2012, before me personally came the above-named Aaron T. Wright, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Aaron T. Wright's own free will for the purpose set forth therein.

SEAQ CONTRACTOR WASHING

Notary Public For

My commission expires

Kristoffer R. Brandvold

[SEAL]

COUNTY OF

This day of day of 2012, before me personally came the above-named Kristoffer R. Brandvold, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by Kristoffer R. Brandvold's dwn free will for the purpose set forth therein.

My commission expires

Page 3 of 4