504139023 12/09/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION	12/06/2016

RECEIVING PARTY DATA

Name:	FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC.	
Street Address:	95 CHIEFTAN WAY, SUITE 312	
City:	TALLAHASSEE	
State/Country:	Country: FLORIDA	
Postal Code:	32306-4391	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14178325

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: FOX ROTHSCHILD LLP

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ATTORNEY DOCKET NUMBER:	3303-67-1 (157335.03611)	
NAME OF SUBMITTER:	SHANNON VIEAU	
SIGNATURE:	/Shannon Vieau/	
DATE SIGNED:	12/09/2016	

Total Attachments: 2

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PATENT 504139023 REEL: 040701 FRAME: 0207

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, by this document

	Abdicitority.		
	Name	Address	
•	Florida State University Research Foundation	95 CHIEFTAN WAY, SUITE 312 TALLAHASSEE, FLORIDA 32306-4391	
	assigns and transfers to:		
	ASSIGNEE:	3	
•	Florida State University Research Foundation, Inc.	95 CHIEFTAN WAY, SUITE 312 TALLAHASSEE, FLORIDA 32306-4391	
	the entire right, title and interest in and to the inven	tion entitled:	
and which is found in (check one or more):			
	the U.S. patent application filed with this assignment document U.S. patent application no. 14/178,325, filed February 12, 2014 International Patent Application no, filed U.S. patent no, issued		
	and in and to:		

- all patent applications filed and letters patent obtained for the invention, whether foreign and
 domestic, and all continuations, continuation-in-part divisions, renewals, reissues, reexaminations, or substitutes of any such patent or patent application; and any patents and patent
 applications to which any such patent or patent application claims priority;
- all rights to any legal equivalent thereof in a foreign country such as patents of addition, utility models, patents of importation, revalidation patents and inventor certificates;
- the right to apply for patents and inventor certificates relating to the invention, and the right to claim priority to all applications throughout the world in respect of the invention; and
- the right to sue and recover any and all damages and profits, and any and all other remedies, for past, present, or future infringements of patents directed to the invention.

ASSIGNOR(S) authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date, serial number, and any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or any other domestic or foreign government entity for the recordation of this document.

ASSIGNOR(S) warrants and agrees that:

- no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;
- upon request, ASSIGNOR(S) will promptly provide ASSIGNEE with all pertinent facts and documents relating to the invention as may be known and accessible to ASSIGNOR(S);
- ASSIGNOR(S) will, at ASSIGNEE's expense, testify as to the same in any interference, litigation
 or proceeding related to the invention; and
- ASSIGNOR(s) will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or

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ARRIGNOR/SV

affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE or its successors or assigns may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or patent applications.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks and any foreign counterpart to issue any and all letters patent for the invention to ASSIGNEE, for ASSIGNEE's sole use and benefit, and for the use and benefit of ASSIGNEE's successors and assigns, to the full end of the term for which any such patent may be granted.

ASSIGNOR(S) agrees that this document shall bind and inure to the benefit of the heirs, assigns and legal representatives of both ASSIGNOR(S) and ASSIGNEE.

Date: 12/6/16

Gary K. Ostranger, President

Florida State University Research Foundation

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RECORDED: 12/09/2016