

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BEVERLY L. DAVIDSON	01/26/2016
EDGARDO RODRIGUEZ	01/26/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF IOWA RESEARCH FOUNDATION
<b>Street Address:</b>	112 N CAPITOL STREET
<b>Internal Address:</b>	6 GILMORE HALL
<b>City:</b>	IOWA CITY
<b>State/Country:</b>	IOWA
<b>Postal Code:</b>	52242-5500
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61901215
<b>Application Number:</b>	14536319
<b>PCT Number:</b>	US2014064663
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)783-6031
<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>	2027836040
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<b>Correspondent Name:</b>	ROTHWELL, FIGG, ERNST & MANBECK
<b>Address Line 1:</b>	607 14TH STREET, N.W.
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<b>Address Line 4:</b>	WASHINGTON, D.C. 20005
<b>ATTORNEY DOCKET NUMBER:</b>	4459-101
<b>NAME OF SUBMITTER:</b>	AYDIN H. HARSTON, PH.D., REG. NO. 65249
<b>SIGNATURE:</b>	/Aydin H. Harston/
<b>DATE SIGNED:</b>	04/21/2016
<b>Total Attachments: 3</b>	

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## ASSIGNMENT

WHEREAS, We, Beverly L. Davidson and Edgardo Rodriguez made certain new and useful inventions and improvements for which we filed a patent application in the United States on November 7, 2013, which application was assigned U.S. patent application serial number 61/901,215; and for which we filed an International Patent Application on November 7, 2014, which application was assigned International Patent Application Number PCT/US2014/064663;

AND WHEREAS, University of Iowa Research Foundation, having an office and place of business at 112 N Capitol Street, 6 Gilmore Hall, Iowa City, Iowa 52242-5500 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and applications and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, our entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to, supplementary protection certificates, and to any and all Letters Patents and any related patent term extensions that may be granted for said Letters Patents with respect to the applications; all of the above to be held by Assignee as fully and entirely as the same would have been held by us had this Assignment not been made.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of  
January, 2016 Beverly L. Davidson  
DAVIDSON, Beverly L.

STATE OF Pennsylvania )  
COUNTY OF Philadelphia )ss

On this 26<sup>th</sup> day of January, 2016 before me personally appeared Beverly L. Davidson to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL] COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
STEPHANIE LASTE, Notary Public  
City of Philadelphia, Phila. County  
My Commission Expires December 23, 2018

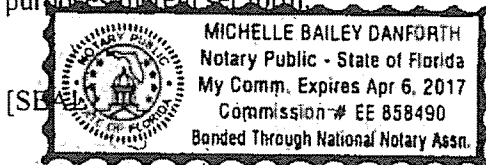
Stephanie Laste  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of  
January, 2016.

Edgar P. Rodriguez  
RODRIGUEZ, Edgardo

STATE OF Florida )  
 )ss  
COUNTY OF Alachua )

On this 26 day of January, 2016 before me personally appeared Edgardo Rodriguez to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Michelle Bailey Danforth  
Notary Public