

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EDGARDO RODRIGUEZ	12/16/2014
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<b>State/Country:</b>	IOWA
<b>Postal Code:</b>	52242-5500
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16262905
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<b>DATE SIGNED:</b>	01/31/2023
<b>Total Attachments: 3</b>	
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ASSIGNMENT

I, ~~Edgardo Rodriguez, residing at: o/o Univ. of Florida, Gainesville, FL 32610,~~

being the inventor(s) of certain improvements in the international application entitled: **COMPOSITIONS AND METHODS OF USE OF CRISPR-CAS SYSTEMS IN NUCLEOTIDE DISORDERS** for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assign unto **UNIVERSITY OF IOWA RESEARCH FOUNDATION** having a place of business at 112 N. Capitol Street, 6 Gilmore Hall, Iowa City, Iowa 52242-5500, USA, its successors and assigns (1) the entire right, title and interest in all countries throughout the world in and to any and all of my inventions and discoveries in my United States Provisional Application Nos. 61/915,150 filed December 12, 2013, and 62/010,888 and 62/010,879 both filed June 11, 2014 and a PCT International Application filed under the Patent Cooperation Treaty in the PCT United States Receiving Office (ROIUS) on 12/12/2014, identified as International Application No. PCT/US2014/069897, and designating all PCT member countries/states, as well as in any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of **UNIVERSITY OF IOWA RESEARCH FOUNDATION**, or their designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following application(s):

United States Provisional Application No. 61/915,150 filed December 12, 2013;

United States Provisional Application No. 62/010,888, filed June 11, 2014; and

United States Provisional Application No. 62/010,879, filed June 11, 2014, and all rights of priority in any country of the world deriving from the above-identified International Application.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to **UNIVERSITY OF IOWA RESEARCH FOUNDATION** as the assignee of the entire right, title and interest therein, as



me this day in person and acknowledged that he signed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 16 day of December, 2014.



*Michelle Bailey Danforth*  
Notary Public  
My Commission Expires:  
April 6, 2017

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