

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JONATHAN GOOTENBERG	04/25/2018
RECEIVING PARTY DATA		
Name:	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15917546	
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ATTORNEY DOCKET NUMBER:	BROD-0845US	
NAME OF SUBMITTER:	COLLEEN F. SULLIVAN	
SIGNATURE:	/Colleen F. Sullivan/	
DATE SIGNED:	09/28/2018	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, I, **JONATHAN GOOTENBERG**, having a correspondence address of c/o 17 Quincy Street, Cambridge, Massachusetts 02138, have invented with another certain inventions and improvements disclosed in International PCT Patent Application No. PCT/US2017/065477 entitled "**CRISPR EFFECTOR SYSTEM BASED DIAGNOSTICS**," filed on December 8, 2017 with the United States Patent and Trademark Office as Receiving Office; and

WHEREAS, the **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, having a principal place of business at 17 Quincy Street, Cambridge, Massachusetts 02138, is desirous of acquiring an interest in the same; and

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, **JONATHAN GOOTENBERG**, by these presents, do sell, assign, and transfer to the **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, my full, exclusive, and entire right, title, and interest in and to said applications, in and to any divisions, continuations, reexaminations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor; and I hereby request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States resulting from said applications, or from a division, continuation, reexamination, or reissue thereof, to the **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, for its interest and for the use and benefit of the **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, as assignee, and its assigns and legal representatives;

For the same consideration, I, by these presents, do sell, assign, and transfer to the **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, my full, exclusive, and entire

right, title, and interest in and to any foreign application or applications corresponding to said applications, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of the **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, or its designees insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all division, continuing, reexamination, reissue, and other applications, make all assignments and rightful oaths, and generally do everything possible to aid the **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**, its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

In testimony whereof, I hereunto set my hand and seal the day and year opposite my respective signature.

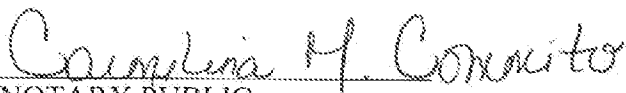


JONATHAN GOOTENBERG

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me, a Notary Public in and for the aforementioned state, on this 25th day of April, 2018, personally appeared **JONATHAN GOOTENBERG**, who, being duly sworn, signed and acknowledged the foregoing Assignment.

(SEAL)



NOTARY PUBLIC

PCT ASSIGNMENT
J. GOOTENBERG TO PRESIDENT AND FELLOWS OF HARVARD COLLEGE
PCT/US2017/065477
"CRISPR EFFECTOR SYSTEM BASED DIAGNOSTICS"

My Commission Expires: _____

