

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6307185

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SARA JONES	01/19/2018
RECEIVING PARTY DATA		
Name:	THE BROAD INSTITUTE, INC.	
Street Address:	415 MAIN STREET	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02142	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16095253
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	114203-1067	
NAME OF SUBMITTER:	NEIL H. BENOWITZ	
SIGNATURE:	/Neil H. Benowitz/	
DATE SIGNED:	09/18/2020	
Total Attachments: 4		
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ASSIGNMENT

I, Sara Jones, residing at: 29A Windsor Rd Somerville MA 02144 USA,
being the inventor(s) of certain improvements in the international application entitled: **NOVEL CRISPR ENZYMES AND SYSTEMS** for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assign unto **THE BROAD INSTITUTE INC.**, having a place of business at 415 Main Street, Cambridge, MA 02142, 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 No. 62/324,834, filed April 19, 2016, and a PCT International Application filed under the Patent Cooperation Treaty in the PCT United States Receiving Office (RO/US) on April 19, 2017, identified as International Application No. PCT/US2017/028461 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 **THE BROAD INSTITUTE INC.**, 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. 62/324,834, filed April 19, 2016, 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 **THE BROAD INSTITUTE INC.** as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of **THE BROAD INSTITUTE INC.** to execute and to deliver to **THE BROAD INSTITUTE INC.** any additional applications for patents for

said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree, at any time, upon request of **THE BROAD INSTITUTE INC.** to execute and to deliver to **THE BROAD INSTITUTE INC.** such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do what is necessary to give full effect to and to perfect any and all rights of **THE BROAD INSTITUTE INC.** under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

In testimony of which I have hereupon affixed my signature it is my intention that this Assignment instrument be effective, and all rights transferred herein shall be considered to have vested in **THE BROAD INSTITUTE INC.** as from April 19, 2016, the filing date of the first filed United States Provisional Application No. 62/324,834, from which priority is hereby claimed.

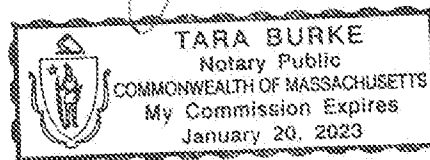
I, Sara Jones hereby authorize the attorneys of record, Vedder Price P.C., to insert the PCT Application Serial No. for the instant application entitled **NOVEL CRISPR ENZYMES AND SYSTEMS**, even if the PCT Application Serial No. and filing date are after the execution date of this document as this document is to be effective as to such a PCT Application.

Jan 19, 2018
Date

Sara Jones
Sara Jones

Commonwealth of Massachusetts)

SS

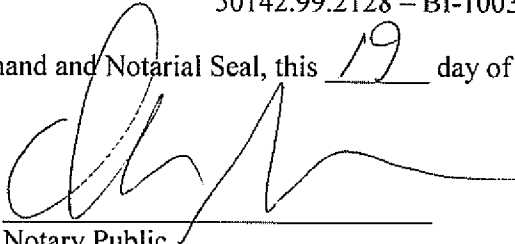


COUNTY OF Middlesex

I, Tara Burke, a Notary Public in and for the county and Commonwealth aforesaid, do hereby certify that Sara Jones, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her free and voluntary act for the uses and purposes therein set forth.

Patent
50142.99.2128 - BI-10034

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 19 day of
January, 2017.



Notary Public

My Commission Expires:

1/20123

SEAL

ACCEPTANCE OF ASSIGNMENT

I, Jennifer Elliott on behalf of Assignee, The Broad Institute, Inc., accept the assignment of Sara Jones as an inventor on the above-referenced application.

1/23/18
Date

Jennifer Elliott
Signature

Jennifer Elliott
Print Name

Director, IP
Title