

## 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>
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<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	61901215
Application Number:	14536319
PCT Number:	US2014064663
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<b>SIGNATURE:</b>	/Aydin H. Harston/
<b>DATE SIGNED:</b>	04/21/2016
<b>Total Attachments: 1</b> source=Assignment_Broad_MIT#page1.tif	

**ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION  
FOR THE UNITED STATES OF AMERICA**

BE IT KNOWN THAT, for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S)) by

**Name: The Broad Institute Inc.**

Address: 415 Main Street, Cambridge, MA 02142

**Name: Massachusetts Institute of Technology**

Address: 77 Massachusetts Ave., Cambridge, MA 02139

(hereinafter ASSIGNEE),

the receipt and adequacy of which of which is hereby acknowledged, ASSIGNOR(S) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled:

**CRISPR-RELATED METHODS AND COMPOSITIONS WITH GOVERNING gRNAs**

for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application is identified herein and/or is further identified as follows

U.S. Serial No.: 61/901,215 Filing Date: November 7, 2013

U.S. Serial No.: 14/536,319 Filing Date: November 7, 2014

PCT/US2014/064663 Filing Date: November 7, 2014

(Rothwell, Figg, Ernst & Manbeck is hereby authorized to insert the series code, serial or application number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

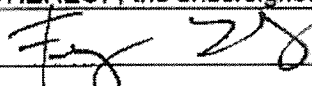
ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue, reexamination or extension thereof or Letters Patent, reissue patent or reexamination certificate issued thereon, and all rights connected therewith, and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE's choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, the undersigned ASSIGNOR(S) has/ have affixed his/her signature below.

Inventor Signature: 	Date: <u>March 15, 2016</u>
Typed or Printed Name: Feng ZHANG	

WITNESS(ES) (optional):

Signature of Witness:	Date:
Typed Name:	

NO LEGALIZATION REQUIRED. THIS DOCUMENT MAY BE NOTARIZED IF DESIRED FOR FURTHER PROOF OF EXECUTION. **PATENT**