509091646 03/21/2025

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI902492

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	LICENSE

CONVEYING PARTY DATA

Name	Execution Date	
BROAD INSTITUTE, INC.	07/23/2024	

RECEIVING PARTY DATA

Company Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government
Street Address:	FIRM-IP
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20892

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15844528

CORRESPONDENCE DATA

Fax Number: 3014800272

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.

Phone: (301)435-1986
Email: edison@nih.gov
Correspondent Name: FIRM-IP Director

Address Line 1: FIRM-IP

Address Line 4: Bethesda, MARYLAND 20892

NAME OF SUBMITTER:	Carolyn Mosby		
SIGNATURE:	/Carolyn Mosby/		
DATE SIGNED:	03/21/2025		

Total Attachments: 1

source=15844528#page1.tiff

PATENT REEL: 070588 FRAME: 0130

509091646

License to the United States Government

Generated on 07/17/2024 with iEdison

Sign and su	bmit the executed document to	the appropria	te funding agenc	√ (e.g. upload in iEdison)		
Title of Inv	ention: CRISPR ENZYME M	IUTATIONS I	REDUCING OF	F-TARGET EFFECTS	5		
Inventor(s)	:Feng Zhang, Linyi Ga	o, Bernd	Zetsche, Ia	n Slaymaker	All Mr.		
U.S. Filing	/Issue Date: 12/16/2017						
Patent or A	Application Serial No.: 15/84	14,528					
Grant/Con	tract Number(s): MH110049	, MH100706	· · · · · · · · · · · · · · · · · · ·				
Foreign Ap	plications filed/intended in (countries):					
1. The non- United contin 2. All oth regula	grant or contract award from onexclusive, nontransferable of States the invention descriptions in part, and in any ar- er rights acquired by the Go- tions that are applicable to the rnment is hereby granted and	e, irrevocable cribed in any nd all patents overnment by he award.	e, paid-up licer	nse to practice or have ation and in any and granted thereon throu above identified grant	e practiced fo all divisions, ighout the wor t/contract awa	or or on b , continu- rld; and ard and th	ations, and
orania araa	22.4		Taut.			<u> </u>	
Signed thi	S 23rd	day of	July	12:15], 20	24	J·
By Brian	Libby			1/7/1/2			Was to the second
(Inst	itutional Business Official)		(Sign	natore) /			
Title Asso	ciate Director, Intellectual Prope	erty	And the second s				no.
For BRO	AD INSTITUTE, INC.				······		, 2
(Gra	ntee/Contractor Organization	n)					
At 415 I	MAIN STREET	<u> </u>	The second section of the sect		<u> </u>		and the second second
* **	iness Address)						
CAM	BRIDGE MA 02142	1 (01:00		and the second s			
(City	/State/Zipcode)						himini lenk bannanana

PATENT REEL: 070588 FRAME: 0131

RECORDED: 03/21/2025