

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI802965

| | | | |
|---|--|--|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE | | |
| CONVEYING PARTY DATA | | | |
| Name | | | Execution Date |
| UNIVERSITY OF CALIFORNIA BERKELEY | | | 01/11/2023 |
| RECEIVING PARTY DATA | | | |
| Company Name: | NATIONAL SCIENCE FOUNDATION | | |
| Street Address: | 2415 Eisenhower Avenue | | |
| City: | Alexandria | | |
| State/Country: | VIRGINIA | | |
| Postal Code: | 22314 | | |
| PROPERTY NUMBERS Total: 1 | | | |
| Property Type | Number | | |
| Application Number: | 15897089 | | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | | | |
| <i>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.</i> | | | |
| Phone: | 7032928060 | | |
| Email: | nsfpatents@nsf.gov | | |
| Correspondent Name: | Patent Assistant | | |
| Address Line 1: | 2415 Eisenhower Avenue | | |
| Address Line 4: | Alexandria, VIRGINIA 22314 | | |
| NAME OF SUBMITTER: | Ms. Sarah Weyrich | | |
| SIGNATURE: | /Ms. Sarah Weyrich/ | | |
| DATE SIGNED: | 02/05/2025 | | |
| This document serves as an Oath/Declaration (37 CFR 1.63). | | | |
| Total Attachments: 1 | | | |
| source=3,948#page1.tiff | | | |

Patent Docket Number: B18-057-3

Invention Report Number: 0577502-17-0065

License to the United States Government

*Generated on 01/11/2023 with iEdison**Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).*

Title of Invention: TYPE V CRISPR/CAS EFFECTOR PROTEINS FOR CLEAVING SSDNAS AND DETECTING TARGET
DNAS

Inventor(s): Jennifer A. Doudna, Janice S. Chen, Lucas B. Harrington, Enbo Ma, Janice S. Chen,
Jennifer A. Doudna, Lucas Benjamin Harrington

U.S. Filing/Issue Date: 02/14/2018

Patent or Application Serial No.: 15/897,089

Grant/Contract Number(s): 1244557

Foreign Applications filed/intended in (countries): _____


The invention identified above is a Subject Invention under **35 U.S.C. 200, et seq.**, and the Standard Patent Rights clause at **37 CFR 401.14, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 1/11/2023 day of _____, 20 ____.

By Laleh Shayesteh
(Institutional Business Official)

DocuSigned by:

997804AC2CB1419...
(Signature)

Title Associate Director

For UNIVERSITY OF CALIFORNIA BERKELEY
(Grantee/Contractor Organization)

At 2150 Shattuck Ave., Suite 510
(Business Address)

Berkeley CA 94720
(City/State/Zipcode)