

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5317320

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JENNIFER A. DOUDNA	12/05/2018
JANICE S. CHEN	11/15/2018
LUCAS BENJAMIN HARRINGTON	01/09/2019
ENBO MA	10/31/2018
RECEIVING PARTY DATA	
Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET
Internal Address:	12TH FLOOR
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15897089
CORRESPONDENCE DATA	
Fax Number:	(650)327-3231
<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:	6503273400
Email:	lam@bozpat.com
Correspondent Name:	BOZICEVIC FIELD & FRANCIS LLP
Address Line 1:	201 REDWOOD SHORES PARKWAY
Address Line 2:	SUITE 200
Address Line 4:	REDWOOD CITY, CALIFORNIA 94065
ATTORNEY DOCKET NUMBER:	BERK-375
NAME OF SUBMITTER:	PAULA A. BORDEN
SIGNATURE:	/Paula A. Borden, Reg. No. 42,344/
DATE SIGNED:	01/09/2019
Total Attachments: 4	

source=BERK-375 (BK-2018-057-3) EXECUTED Assignment#page1.tif
source=BERK-375 (BK-2018-057-3) EXECUTED Assignment#page2.tif
source=BERK-375 (BK-2018-057-3) EXECUTED Assignment#page3.tif
source=BERK-375 (BK-2018-057-3) EXECUTED Assignment#page4.tif

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

- | | |
|-------------------------------------|--------------------------|
| 1. Jennifer A. Doudna | 2. Janice S. Chen |
| 3. Lucas Benjamin Harrington | 4. Enbo Ma |

hereby sells, assigns and transfers to ASSIGNEE, **The Regents of the University of California**, a California Corporation, having its principal place of business at **1111 Franklin Street, 12th Floor, Oakland, California 94607**, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

"TYPE V CRISPR/CAS EFFECTOR PROTEINS FOR CLEAVING SSDNAS AND DETECTING TARGET DNAS"

and which is found in

- | | | | | |
|--------------|-----------------------------|-------------------|----------|--------------------------|
| (a) X | U.S. Application Serial No. | <u>15/897,089</u> | filed on | <u>February 14, 2018</u> |
| (b) | PCT Patent Application No. | <u></u> | filed on | <u></u> |

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby agrees that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this

Signature of Inventor(s)

5th day of Dec, 20 18

Jennifer A. Doudna

Jennifer A. Doudna

____ day of _____, 20 ____

Janice S. Chen

____ day of _____, 20 ____

Lucas Benjamin Harrington

____ day of _____, 20 ____

Enbo Ma

Hereby accepted on behalf of the assignee:

/Patent Agent/

Patent Agent

January 9, 2019

Name

Title

Date

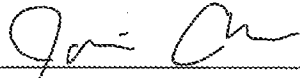
Executed this

Signature of Inventor(s)

____ day of _____, 20____

Jennifer A. Doudna

15 day of November, 2018


Janice S. Chen

____ day of _____, 20____

Lucas Benjamin Harrington

31 day of October, 2018


Enbo Ma

Hereby accepted on behalf of the assignee:

/Patent Agent/

Patent Agent

January 9, 2019

Name

Title

Date

Executed this

Signature of Inventor(s)

____ day of _____, 20 ____

Jennifer A. Doudna

____ day of _____, 20 ____

Janice S. Chen

____^{9th} day of January, 20 19



Lucas Benjamin Harrington

____ day of _____, 20 ____

Enbo Ma

Hereby accepted on behalf of the assignee:

/Patent Agent/

Patent Agent

January 9, 2019

Name

Title

Date