

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5770021

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JENNIFER A. DOUDNA	06/12/2017
MITCHELL RAY O'CONNELL	06/12/2017
ALEXANDRA EAST-SELETSKY	12/20/2017
SPENCER CHARLES KNIGHT	11/20/2018
JAMES HARRISON DOUDNA CATE	06/12/2017
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15920222
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NAME OF SUBMITTER:	PAULA A. BORDEN
SIGNATURE:	/Paula A. Borden/
DATE SIGNED:	10/15/2019

Total Attachments: 4

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ASSIGNMENT

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

- | | |
|--------------------------------------|----------------------------------|
| 1. Jennifer A. Doudna | 2. Mitchell Ray O'Connell |
| 3. Alexandra East-Seletsky | 4. Spencer Charles Knight |
| 5. James Harrison Doudna Cate | |

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:

"METHODS AND COMPOSITIONS FOR DETECTING A TARGET RNA"

and which is found in

(a)	<u> X </u>	U.S. Application Serial No.	<u> 15/467,922 </u>	filed on	<u> March 23, 2017 </u>
(b)	<u> </u>	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)

12th day of June, 2017

Jennifer A. Doudna
Jennifer A. Doudna

12th day of June, 2017

Mitchell Ray O'Connell
Mitchell Ray O'Connell

____ day of _____, 20____

Alexandra East-Seletsky

____ day of _____, 20____

Spencer Charles Knight

12th day of June, 2017

James Harrison Doudna Cate
James Harrison Doudna Cate

Hereby accepted on behalf of the assignee:

/Paula A. Borden/	Patent Agent	July 26, 2019
Name	Title	Date

Executed this

Signature of Inventor(s)

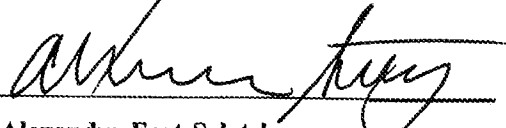
____ day of _____, 20____

Jennifer A. Doudna

____ day of _____, 20____

Mitchell Ray O'Connell

20 day of Dec, 2017


Alexandra East-Seletsky

____ day of _____, 20____

Spencer Charles Knight

____ day of _____, 20____

James Harrison Doudna Cate

Hereby accepted on behalf of the assignee:

/Paula A. Borden/

Patent Agent

July 26, 2019

Name

Title

Date

Executed this

Signature of Inventor(s)

____ day of _____, 20____

Jennifer A. Doudna

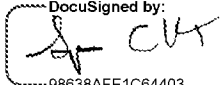
____ day of _____, 20____

Mitchell Ray O'Connell

____ day of _____, 20____

Alexandra East-Seletsky

20 day of November, 2018

DocuSigned by:


98638AFE1C64403
Spencer Charles Knight

____ day of _____, 20____

James Harrison Doudna Cate

Hereby accepted on behalf of the assignee:

/Paula A. Borden/

Patent Agent

July 26, 2019

Name

Title

Date