505182466 11/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5229235

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK A. AKESON	10/30/2018
DAVID W. DEAMER	07/20/2018
WILLIAM B. DUNBAR	10/31/2018
NOAH A. WILSON	02/21/2018

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	
Street Address:	1111 FRANKLIN STREET, 12TH FLOOR	
City:	OAKLAND	
State/Country:	CALIFORNIA	
Postal Code:	94607-5200	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15087734

CORRESPONDENCE DATA

Fax Number: (650)327-3231

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: 6503273400

Email: ahamby@bozpat.com

BOZICEVIC, FIELD & FRANCIS LLP **Correspondent Name:** 201 REDWOOD SHORES PKWY Address Line 1:

Address Line 2: SUITE 200

Address Line 4: REDWOOD CITY, CALIFORNIA 94065

ATTORNEY DOCKET NUMBER:	482.32-7	
NAME OF SUBMITTER:	BRIAN E. DAVY	
SIGNATURE:	/Brian E. Davy, Reg. No. 61,197/	
DATE SIGNED:	11/08/2018	

Total Attachments: 3

source=482.32-7 Exec Assignment#page1.tif source=482.32-7_Exec_Assignment#page2.tif

 $source = 482.32 - 7_Exec_Assignment \# page 3.tif$

ASSIGNMENT

Atty Docket No.: 482,32-7 UC Case No.: SC 2007-519

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

1. Mark A. Akeson

David W. Deamer

3. William B. Dunbar

4. Roger Jinteh Arrigo Chen

Noah A. Wilson

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, 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:

"Compositions, Devices, Systems, and Methods for Using a Nanopore"

uio wni	Cn is found in	기 시간 경험 경험 기계 전 시간 시간 기계
(a)	U.S. provisional application filed herewith and	l listing the above named persons as inventors
(b)	U.S. patent application filed herewith and listi	ng the above named persons as inventors
(c) <u>X</u>	<u>U.S. Application Serial No. 15/087,734</u>	, filed on
(d)	U.S. Patent No.:	, issued
(e)	PCT Patent Application No.	, filed on

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;

<u>ASSIGNOR(S)</u> 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(S) 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 <u>ASSIGNOR(S)</u> 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

1) 30 day of October, 2018

Signature of Inventor(s)

Mark A. Akeson

ASSIGNMENT

Atty Docket No.: 482.32-7 UC Case No.: SC 2007-519 For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S), 1. Mark A. Akeson David W. Deamer 3. William B. Dunbar 4. Roger Jinteh Arrigo Chen Noah A. Wilson 5. hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, 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: "Compositions, Devices, Systems, and Methods for Using a Nanopore" and which is found in (a) U.S. provisional application filed herewith and listing the above named persons as inventors (b) _____ U.S. patent application filed herewith and listing the above named persons as inventors (c) X U.S. Application Serial No. <u>15/087,734</u>, filed on <u>03/31/2016</u> (d) _____, issued _____, (e) _____, filed on _____, 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(S) 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. Signature of Inventor(s) Executed this

Mark A. Akeson

1) day of , 2018

ASSIGNMENT
Atty Docket No.: 482.32-7
THE CALL ATT . DOLLARDS CALL

3) 31_{day of} October 2018 Roger Jinteh Arrigo Chen 6) 21 day of February Assignee hereby accepts this Assignment: Attorney Title /Brian E. Davy/ October 31, 2018

Date

PATENT REEL: 047456 FRAME: 0576

RECORDED: 11/08/2018