504199925 01/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4246601

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
UNIV OF NORTH CAROLINA CHAPEL HILL	01/26/2017

RECEIVING PARTY DATA

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980
City:	Bethesda
State/Country:	MARYLAND
Postal Code:	20892-7980

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15027813

CORRESPONDENCE DATA

Fax Number: (301)480-0272

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.

Email: edison@nih.gov **Correspondent Name:** DIRECTOR, DEITR

Address Line 1: NIH, 6705 ROCKLEDGE DRIVE, SUITE 310

Address Line 2: MSC 7980

Address Line 4: BETHESDA, MARYLAND 20892-7980

NAME OF SUBMITTER: DIRECTOR, DEITR, NIH **SIGNATURE:** /Director, DEITR, NIH/ **DATE SIGNED:** 01/27/2017

Total Attachments: 1

source=0578206-15027813#page1.tif

PATENT REEL: 041538 FRAME: 0172

504199925

License to the United States Government

(Business Address)

RECORDED: 01/27/2017

Sign and submit the executed document to the approp	riate funding agency (e.g. upload in lEdison).
Invention Title: <u>DETECTION OF CHEMISTRY N</u>	AODIFICATIONS IN NUCLEIC ACIDS
Inventor(s): <u>Kevin Weeks, Steven Busan</u>	, Oleg Favorov, Phillip Homan, Nate Siegfried
U.S. Filing/issue Date: <u>April 7, 2016</u>	
Patent or Application Serial No.:15/027,8	313
Grant/Contract Number(s): AI0684	162, GM054803
Foreign Applications filed/intended in (coun	tries): <u>Europe, Japan</u>
clause at 37 CFR 401.14, FAR 52.227-11 or F	nvention under 35 U.S.C. 200, et seq., and the Standard Patent Rights AR 52.227-12 (if applicable) which are included among the terms of the m the United States Government. This document is confirmatory of:
United States the invention described in continuations in part, and in any and all	ocable, paid-up license to practice or have practiced for or on behalf of the any patent application and in any and all divisions, continuations, and patents and re-issues granted thereon throughout the world; and nent by reason of the above identified grant/contract award and the laws a ward.
The Government is hereby granted an irrevolution.	ocable power to inspect and make copies of the above-identified patent
Signed this 26 th day of January 2017 By <u>Jacqueline Quay</u>	Computains Junea (Signature)
(Institutional Business Official)	(Signature)
Title <u>Director of Licensing</u>	<u>.</u>
For <u>The University of North Carolina at Cha</u> (Grantee/Contractor Organization	
At Office of Commercialization and Econom 100 Europa Drive, Suite 430 Chapel Hill, NC 27517	sic Development

PATENT REEL: 041538 FRAME: 0173