505228611 12/10/2018

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT5275381

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL THOMAS JACOBSEN	09/26/2018
MATTHEW T. WEINSTOCK	11/27/2018
DEBRA MUIR ECKERT	10/16/2018
MICHAEL S. KAY	11/20/2018

RECEIVING PARTY DATA

Name:	UNIVERSITY OF UTAH
Street Address:	201 PRESIDENT'S CIRCLE
City:	SALT LAKE CITY
State/Country:	UTAH
Postal Code:	84112

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15513959

CORRESPONDENCE DATA

Fax Number: (206)682-6031

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: 206-622-4900

Email: friedacramer@seedip.com
Correspondent Name: EILEEN S. SUN, PH.D.
Address Line 1: SEED IP LAW GROUP LLP

Address Line 2: 701 FIFTH AVENUE, SUITE 5400 Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	690181.403USPC
NAME OF SUBMITTER:	EILEEN S. SUN
SIGNATURE:	/Eileen S. Sun/
DATE SIGNED:	12/10/2018

Total Attachments: 6

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PATENT 505228611 REEL: 047731 FRAME: 0277

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PATENT REEL: 047731 FRAME: 0278

ASSIGNMENT

WHEREAS, we,

Name	Address	
Michael Thomas Jacobsen	1403 University Village	• •
	Salt Lake City, UT 84108	
Matthew T. Weinstock	7204 Shoreline Dr. #162	,
	San Diego, CA 92122	
Debra Muir Eckert	1295 Pinecrest Canyon Rd.	; and
	Salt Lake City, UT 84108	
Michael S. Kay	867 Padley St	7
	Salt Lake City, UT 84108	

(hereinafter referred to as ASSIGNORS), having mailing addresses as listed above, are the joint inventors of an invention entitled "EBOLAVIRUS PRE-HAIRPIN INTERMEDIATE MIMICS AND METHODS OF USE," as described and claimed in the specification for which an application for United States letters patent was filed and assigned Application No. 15/513,959; which application is a national stage application filed under 35 U.S.C. 371 of International Application No. PCT/US2015/052061, accorded an International Filing Date of September 24, 2015;

WHEREAS.

Name	Address	
University of Utah	201 President's Circle, Salt Lake City, UT 84112	-

(hereinafter referred to as ASSIGNEE), having a usual place of business at the address listed above, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof, and in any and all divisions, reissues and continuations thereof, including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its

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U.S. Application No.: 15/513,959

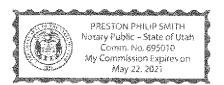
successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

U.S. Application No.: 15/513,959

9/26/19	Miel Toma Jen
Date	Michael Thomas Jacobsen
State of <u>Utah</u>	
County of Sall-lake) SS.)

I certify that I know or have satisfactory evidence that Michael Thomas Jacobsen is the person who appeared before me, and said person acknowledged that she/he signed this instrument and acknowledged it to be her/his free and voluntary act for the uses and purposes mentioned in the instrument.

DatedO	9-26-2018	
Signature of Notary Public	P. Dieta	
Printed Name	Praston Snith	
My appointme	ont expires 05-22-2021	



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A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

decides, or saminy or man documents
State of Wadwigton
County of Uar K
On 1/14 and 10 27 2018, before me Trace and Route (Here insert name and title of the officer)
personally appeared 10 att New Towards K. who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is:
subscribed to the within instrument and acknowledged to me that he/she/they executed the sain his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
Teertify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Siotary Pyl

CEYL SIDE NOTARY Call Notary Call PUBLIC VAST

U.S. Application No.: 15/513,959

10/16/18 Date	Debra Muir Eckert (Assignor)
State of <u>Utah</u> County of Salt Lake	SS.

I certify that I know or have satisfactory evidence that Debra Muir Eckert is the person who appeared before me, and said person acknowledged that she/he signed this instrument and acknowledged it to be her/his free and voluntary act for the uses and purposes mentioned in the instrument.

/22\\	ABIGAIL MUSE
	NOTARY PUBLIC -STATE OF UTAH My Comm. Exp 03/16/2022
Marie Land	Commission # 699524

Dated <u>Oct</u>	16, 2018
Signature of	Olizai Muse
Notary Public Printed Name	Whisalil Muse
My appointment e	xpires 3/16/2022

U.S. Application No.: 15/513,959

11/20/18	Mnery	
Date	Michael S. Kay	(Assignor)
State of <u>Vah</u>)	
County of Salt Lake) ss.	

I certify that I know or have satisfactory evidence that Michael S. Kay is the person who appeared before me, and said person acknowledged that she/he signed this instrument and acknowledged it to be her/his free and voluntary act for the uses and purposes mentioned in the instrument.

	Casey Marin Sorenser
<i>(73</i>	Notary Public State of Utah
a(1966-2007);	My Commission Expires on:
Marked V.	June 7, 2021
A SEE BOOK	Comm. Number: 695735

Dated\	120/2	810		***	
Signature of Notary Public	Cazey	Man	Sul		
Printed Name	Casey	Ma	rin Sc	rensen	
My appointme	nt expires	Jun	e 7m	, 2021	

Docket No. 690181.403USPC | INV to University_Utah Assignment (2)