

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5062628

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FUQIANG CHEN	07/16/2018
XIAO DING	07/16/2018
YONGMEI FENG	07/16/2018
GREGORY D. DAVIS	07/17/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SIGMA-ALDRICH CO. LLC
<b>Street Address:</b>	3050 SPRUCE STREET
<b>City:</b>	ST. LOUIS
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63103
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16031819
<b>PCT Number:</b>	US2018041454
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(618)655-9640
<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>	
<b>Phone:</b>	314-889-8000
<b>Email:</b>	IPdocket@polsinelli.com
<b>Correspondent Name:</b>	POLSINELLI PC
<b>Address Line 1:</b>	105 WEST VANDALIA STREET
<b>Address Line 2:</b>	SUITE 400
<b>Address Line 4:</b>	EDWARDSVILLE, ILLINOIS 62025
<b>ATTORNEY DOCKET NUMBER:</b>	047497-599979
<b>NAME OF SUBMITTER:</b>	REBECCA L. ENDSLEY, PARALEGAL
<b>SIGNATURE:</b>	/Rebecca L. Endsley/
<b>DATE SIGNED:</b>	07/23/2018
<b>Total Attachments: 7</b>	

source=599979 Assignment#page1.tif  
source=599979 Assignment#page2.tif  
source=599979 Assignment#page3.tif  
source=599979 Assignment#page4.tif  
source=599979 Assignment#page5.tif  
source=599979 Assignment#page6.tif  
source=599979 Assignment#page7.tif

## **ASSIGNMENT**

**WHEREAS, Fuqiang Chen; Xiao Ding; Yongmei Feng; and Gregory D. Davis;** all of St. Louis, Missouri; (hereinafter referred to as “ASSIGNOR”), for an invention (the “INVENTION”) relating to an improvement in **USING NUCLEOSOME INTERACTING PROTEIN DOMAINS TO ENHANCE TARGETED GENOME MODIFICATION** (file No. 047497-572970 (P 17/176)) and has executed an application for a United States patent based thereon (U.S. Non-Provisional Patent Application Serial No 16/031,819; filed July 10, 2018 and PCT International Application No. PCT/US2018/041454; filed July 10, 2018 both claims the benefit of US Provisional Application US Serial Nos. 62/531,222, filed July 11, 2017);

**AND, WHEREAS, SIGMA-ALDRICH CO. LLC,** having its principal place of business at 3050 Spruce Street, St. Louis, Missouri 63103 (hereinafter referred to as “ASSIGNEE”), is desirous of acquiring certain rights thereunder;

**NOW, THEREFORE,** for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including divisional, continuing or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

**AND I** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND I** hereby agree for myself and for my heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND I** hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed my right, title and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

Fuqiang Chen  
FUQIANG CHEN  
Date 7/16/2018

ACKNOWLEDGMENT

STATE OF MO )  
COUNTY OF St. Louis ) SS.

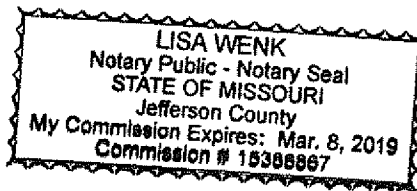
On this 16 day of JULY, 2018, before me, a Notary Public, personally FUQIANG CHEN to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he/she executed said instrument as his/her free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

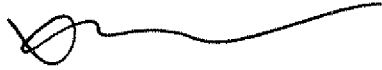
Lisa Wenk  
Notary Public

My Commission Expires:

03/08/2019 [SEAL]



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.



XIAO DING

7/16/18

Date

ACKNOWLEDGMENT

STATE OF MO )

) SS.

COUNTY OF St. Louis )

On this 16 day of July, 2018, before me, a Notary Public, personally XIAO DING to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he/she executed said instrument as his/her free act and deed.

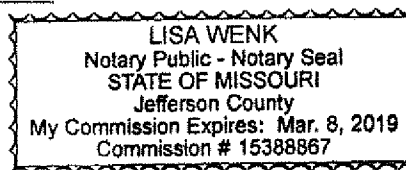
In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Lisa Wenk


Notary Public

My Commission Expires:

03/08/2019 [SEAL]



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.


  
\_\_\_\_\_  
YONGMEI FENG  
7/16/18  
\_\_\_\_\_  
Date

ACKNOWLEDGMENT

STATE OF MO )  
COUNTY OF St Louis ) SS.

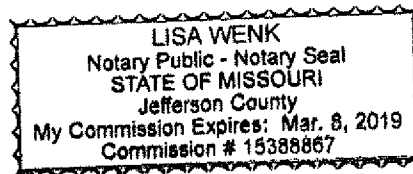
On this 16 day of July, 2018, before me, a Notary Public, personally YONGMEI FENG to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he/she executed said instrument as his/her free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.


  
\_\_\_\_\_  
Notary Public

My Commission Expires:

03/08/2019 [SEAL]



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

  
GREGORY D. DAVIS

7/17/18  
Date

ACKNOWLEDGMENT

STATE OF Missouri )

) SS.

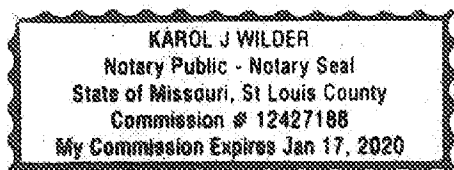
COUNTY OF St. Louis )

On this 17th day of July, 2018, before me, a Notary Public, personally GREGORY D. DAVIS to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

  
Notary Public  
My Commission Expires:

[SEAL]





IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

SIGMA-ALDRICH CO. LLC

[Signature]  
By: John Dana Hubbard  
Title: Vice President and Assistant Secretary

July 16, 2018  
Date

ACKNOWLEDGMENT

STATE OF MASSACHUSETTS )  
COUNTY OF MIDDLESEX ) SS.

On this 16<sup>th</sup> day of JULY, 2018, before me, a Notary Public,  
personally JOHN DANA HUBBARD (Sigma-Aldrich Co, LLC) to me to be  
the person described, in and who executed, the foregoing assignment and  
acknowledged that he/she executed said instrument as his/her free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal  
the day and year first above written.

[Signature]  
Notary Public

My Commission Expires:

November 30, 2018 [SEAL]



STACEY M. GROSE  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
November 30, 2018

