

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6219902

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SYNTHETIC GENOMICS, INC.	07/03/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CONAGEN INC.	
<b>Street Address:</b>	15 DEANGELO DRIVE	
<b>City:</b>	BEDFORD	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	01730	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16819518
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(617)646-8646	
<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>	617-646-8000	
<b>Email:</b>	patents_ZhiyunG@Wolfgreenfield.com	
<b>Correspondent Name:</b>	ZHIYUN GE	
<b>Address Line 1:</b>	WOLF, GREENFIELD & SACKS, P.C.	
<b>Address Line 2:</b>	600 ATLANTIC AVENUE	
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210	
<b>ATTORNEY DOCKET NUMBER:</b>	C1497.70039US03	
<b>NAME OF SUBMITTER:</b>	JULIA A. MORIGGI	
<b>SIGNATURE:</b>	/Julia A. Moriggi/	
<b>DATE SIGNED:</b>	07/27/2020	
<b>Total Attachments: 3</b>		
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## ASSIGNMENT

This assignment agreement ("Assignment") is entered into the 3 day of July, 2019 ("Effective Date") by and between Synthetic Genomics, Inc., a Delaware corporation located at 14149 N. Torrey Pines Rd, La Jolla, California, U.S.A. 92037 ("ASSIGNOR") and Conagen Inc., a Massachusetts corporation located at 15 DeAngelo Drive, Bedford, Massachusetts, U.S.A. 01730 ("ASSIGNEE").

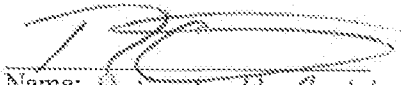
For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, ASSIGNOR agrees to assign and hereby assigns to ASSIGNEE and its successors, assigns and legal representatives, ASSIGNOR's entire right, title and interest, both legal and equitable, in and throughout the United States of America, its territories and all foreign countries, in and to the inventions that are disclosed in the patents and patent applications listed in the attached Schedule, including (i) all rights in any and all patents that may be obtained on any of said applications, (ii) all rights in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions thereof, (iii) the right of priority (including without limitation the right to claim priority benefit of or to said patent applications, whether as continuations, divisionals, and continuations-in-part), and (iv) any right, title and interest ASSIGNOR may have in provisional applications to which said patents and patent applications claim priority (collectively, "Patent Rights"). The rights assigned herein include without limitation all income, royalties, or payments due or payable as of the Effective Date or thereafter, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patent Rights, with the right to sue for, and collect the same for ASSIGNEE's own use and enjoyment, and for the use and enjoyment of its successors, assigns, and legal representatives. ASSIGNEE shall hold and enjoy any and all of the foregoing rights for its own use and for the use of its successors, assigns and legal representatives, to the full end of the term for any said patents and for any patents that may be granted from said patent applications as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby acknowledges that this assignment, being of its entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of ASSIGNOR's entire right, title and interest in said Patent Rights. ASSIGNOR authorizes and requests the Director of the United States Patent and Trademark Office and the empowered officials of similar authorities outside the United States to issue said patents to and in the name of ASSIGNEE.

Upon ASSIGNEE's request, ASSIGNOR agrees to have parties under its control execute any and all documents and take actions reasonably requested to effectuate this assignment and ASSIGNEE's rights in the Patent Rights, including any oath or affidavit relating thereto, to cooperate to the best of the ability of the undersigned with ASSIGNEE in preparing and executing statements and giving and producing evidence in support of the Patent Rights, and to perform any and all acts reasonably requested by ASSIGNEE to obtain, enforce and defend the Patent Rights and vest all rights therein to ASSIGNEE as fully and entirely as the same would have been held and enjoyed by the undersigned if this Assignment has not been executed.

ASSIGNOR and ASSIGNEE hereby execute and deliver this Assignment by their respective signatories below.

ASSIGNOR:

  
Name: Robert H. Catlett  
Title: General Counsel

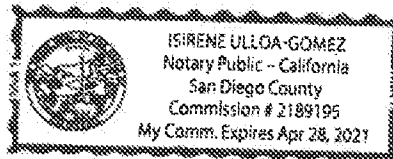
A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

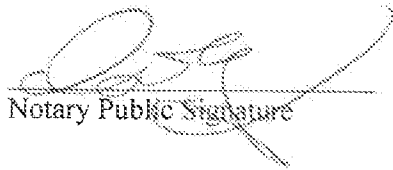
State of California  
County of San Diego

On this 3 day of July, 2019, before me, the undersigned notary public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within the instrument and acknowledge to me that s/he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the entity upon behalf of which s/he acted, executed the instrument.

I certify 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,



  
Notary Public Signature

ASSIGNEE:

Name: Oliver Yu  
Title: CEO

Commonwealth of Massachusetts  
County of Middlesex

On this \_\_\_ day of \_\_\_\_\_, 20\_\_\_, before me, the undersigned notary public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within the instrument and acknowledge to me that s/he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the entity upon behalf of which s/he acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the Commonwealth of Massachusetts that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,

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

ASSIGNOR:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

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.

State of California  
County of San Diego

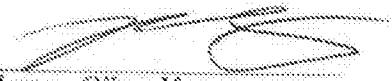
On this \_\_\_ day of \_\_\_\_\_, 20\_\_\_, before me, the undersigned notary public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within the instrument and acknowledge to me that s/he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the entity upon behalf of which s/he acted, executed the instrument.

I certify 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,

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

ASSIGNEE:

  
Name: Oliver Yu  
Title: CEO

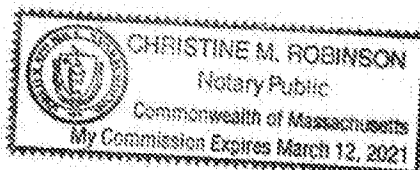
Commonwealth of Massachusetts  
County of Middlesex

On this 3<sup>rd</sup> day of July, 2018, before me, the undersigned notary public, personally appeared Oliver Yu who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within the instrument and acknowledge to me that s/he executed the same in his/her authorized capacity, and that by his/her signature on the instrument the entity upon behalf of which s/he acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the Commonwealth of Massachusetts that the foregoing paragraph is true and correct.

WITNESS my hand and official seal,





PATENT

RECORDED: 07/27/2020

REEL: 059369 FRAME: 0438