

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5420965

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mitchell Lawrence Jones	01/30/2019
Christopher Loren Wahl	01/30/2019
AARON LAURENCE OLAFUR PHILIPPSEN	01/25/2019
Nicholas David Allan	01/25/2019
Mark Sasha Drlik	01/25/2019
Ryan Paul McGuinness	02/14/2019
Sharat Singh	01/30/2019
Robert S. Magyar	01/29/2019

RECEIVING PARTY DATA

Name:	Progenity, Inc.
Street Address:	4330 La Jolla Village Drive Suite 200
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92122

PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	15680400
Application Number:	15680430
PCT Number:	US2017047476
PCT Number:	US2017047481
Application Number:	62376688

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: +1 (617) 956-5911

Email: apsi@fr.com

Correspondent Name: NATALIE K. GALLEY

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

PATENT

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 44090-0026XX ING-003

NAME OF SUBMITTER: SUZANNE C. O'NEILL

SIGNATURE: /Suzanne C. O'Neill/

DATE SIGNED: 03/14/2019

Total Attachments: 11

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, MITCHELL LAWRENCE JONES, CHRISTOPHER LOREN WAHL, AARON OLAFUR LAURENCE PHILIPPSSEN, NICHOLAS DAVID ALLAN, MARK SASHA DRLIK, RYAN PAUL MCGUINNESS, SHARAT SINGH, and ROBERT S. MAGYAR, each individually assign to PROGENITY, INC., a corporation formed under the laws of Delaware and having a principal place of business at 4330 La Jolla Village Drive, Suite 200, San Diego, CA 92122, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of patent applications that names us as inventors, are titled "SAMPLING SYSTEMS AND RELATED MATERIALS AND METHODS," and was filed in the United States Patent and Trademark Office on August 18, 2017, as application 15/680,430 and "SAMPLING SYSTEMS AND RELATED MATERIALS AND METHODS", as well as application 15/680,400 filed in the United States Patent and Trademark Office on August 18, 2017, entitled "SYSTEMS AND METHODS FOR OBTAINING SAMPLES USING INGESTIBLE DEVICES", application PCT/US2017/047476 filed in the United States Receiving Office on August 18, 2017 entitled "SYSTEMS AND METHODS FOR OBTAINING SAMPLES USING INGESTIBLE DEVICES", application PCT/US2017/047481 filed in the United States Receiving Office on August 18, 2017 entitled "SYSTEMS AND METHODS FOR OBTAINING SAMPLES USING INGESTIBLE DEVICES", and application 62/376,688 filed in the United States Patent and Trademark Office on August 18, 2016 entitled "SYSTEMS AND METHODS FOR OBTAINING SAMPLES USING INGESTIBLE DEVICES".

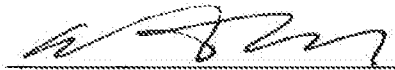
This Assignment assigns (a) the Applications and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from

any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.


Mitchell Lawrence Jones

Date: 01/30/19

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 January 30, 2019 before me, Lori A. Goldberg, Notary Public
(insert name and title of the officer)


personally appeared Mitchell Lawrence Jones
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.

Signature 




Christopher Loren Wahl

Attorney Docket No.: 44090-0026002 / ING-003-US2

Date: Jan. 30 2019

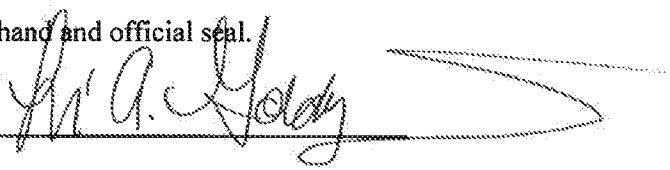
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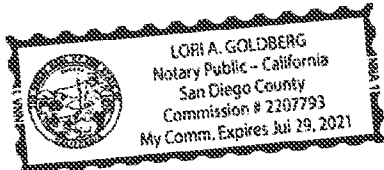
State of California
County of San Diego

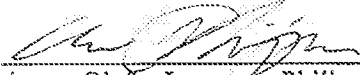
On January 30, 2019 before me, Lori A. Goldberg, Notary Public
(insert name and title of the officer)

personally appeared Christopher Loren Wahl
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.
Signature 





Aaron Olafur Laurence Philippsen

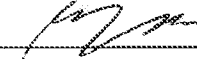
Date: Jan 25, 2019

Witnessed by:

Signature: Nick Allen

Date: Jan 23, 2019

Print Name: NICK ALLEN

Signature: 

Date: Jan 25, 2019

Print Name: Andrew Zawadzky

NDA Allan
Nicholas David Allan

Date: Jan 25, 2019

Witnessed by:

Signature: Aaron Philippsen

Date: Jan 25, 2019

Print Name: Aaron Philippsen

Signature: Andrew Zawadzky


Date: Jan 15, 2015

Print Name: Andrew Zawadzky


Mark Sasha Drlik


Date: JAN 25, 2018 ²⁰¹⁹

Witnessed by:

Signature: 

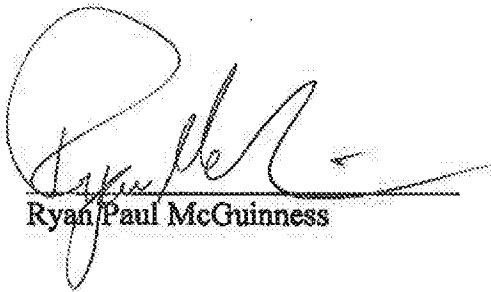
Date: JAN 25, 2019

Print Name: NICK ALLEN

Signature: 

Date: JAN 25, 2019

Print Name: TARA KHEZOU


Ryan Paul McGuinness

Date: Feb 14, 2019

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 Alameda

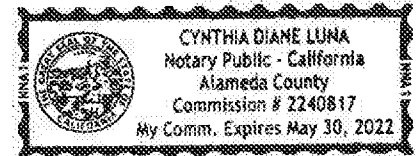
On 02/14/2019 before me, Cynthia Diane Luna
(insert name and title of the officer)

personally appeared Ryan McGuinness
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.

Signature Cynthia Diane Luna 02/14/19



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 Alameda
Subscribed and sworn to (or affirmed) before me on this 14 day of February
2019 by Ryan McGuinness

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Cynthia Diane Luna 02/14/19
(Signature of Notary)

Sharat Singh
Sharat Singh

Date: Jan 30, 2019

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State of California
County of San Diego

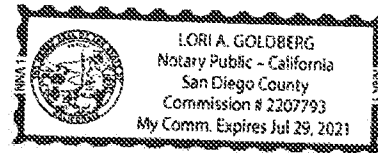
On January 30, 2019 before me, Lori A. Goldberg, Notary Public
(insert name and title of the officer)

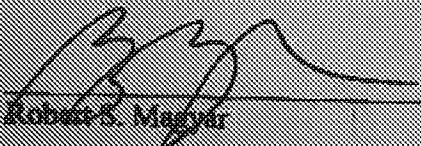
personally appeared Sharat Singh
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.

Signature Lori A. Goldberg




Robert S. Magyar

Date: Jan 29-2019

Witnessed by:

Signature: Tim Page

Date: Jan 29-2019

Print Name: Tim Page

Signature: Mark Foster

Date: Jan 29-2019

Print Name: Mark Foster

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: PROGENITY, INC.

Signature: [Handwritten Signature] Date: 2/14/19

Name: CLARKE NEUMANN

Title: GENERAL COUNSEL & SECRETARY

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 February 14, 2019 before me, Lori A. Goldberg, Notary Public
(insert name and title of the officer)

personally appeared Clarke Neumann
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.

Signature [Handwritten Signature]

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