

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5556022

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mitchell Lawrence Jones	05/16/2019
Christopher Loren Wahl	05/16/2019
Sharat Singh	05/24/2019
Harry Stylli	05/16/2019
Allison Luo	06/04/2019
RECEIVING PARTY DATA	
Name:	PROGENITY, INC.
Street Address:	4330 LA JOLLA VILLAGE DRIVE
Internal Address:	SUITE 200
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92122
PROPERTY NUMBERS Total: 2	
Property Type	Number
PCT Number:	US2017066527
Application Number:	62583929
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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>	
Phone:	+1 (212) 641-2267
Email:	apsi@fr.com
Correspondent Name:	JILL S. SHAPIRO
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	44090-0040WO1 ING-030-WO1
NAME OF SUBMITTER:	SUZANNE C. O'NEILL
SIGNATURE:	/Suzanne C. O'Neill/
DATE SIGNED:	06/05/2019

PATENT

Total Attachments: 7

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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, SHARAT SINGH, HARRY STYLLI, and ALLISON LUO, 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 a patent application that names us as inventors, is titled "TREATMENT OF A DISEASE OF THE GASTROINTESTINAL TRACT WITH A CHEMOKINE/CHEMOKINE RECEPTOR INHIBITOR," and was filed in the United States Patent and Trademark Office on December 14, 2017, as application PCT/US2017/066527 (the "Application"), as well as application 62/583,929 filed on November 9, 2017 entitled "TREATMENT OF A DISEASE OF THE GASTROINTESTINAL TRACT WITH A CHEMOKINE/CHEMOKINE RECEPTOR INHIBITOR".

This Assignment assigns (a) the Application 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: 05/16/2019

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 San Diego

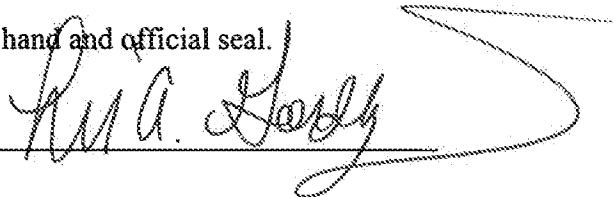
On May 16, 2019 before me, Lori A. Goldberg, Notary Public
(insert name and title of the officer)

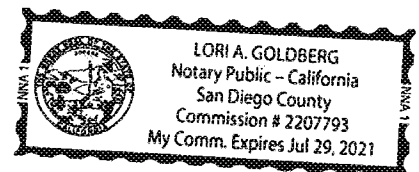
personally appeared Mitchell Lawrence Jones
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their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

DATE: 5/16/19

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State of California
 County of San Diego

On May 16, 2019 before me, Lori A. Goldberg, Notary Public
 (insert name and title of the officer)

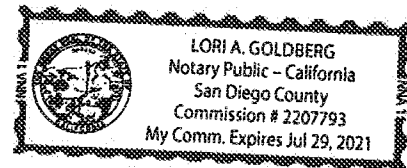
personally appeared Christopher Loren Wahl
 who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
 subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
 his/her/their authorized capacity(ies), and that by his/her/their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





Sharat Singh
Sharat Singh

DATE: May 24 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 San Diego

On May 24, 2019 before me, Lori A. Goldberg, Notary Public
(insert name and title of the officer)

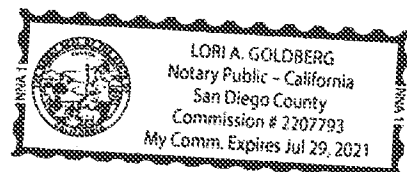
personally appeared Sharat Singh
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s)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



Harry Stylli DATE: 05/16/19

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State of California
County of San Diego

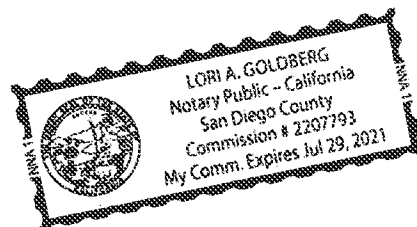
On May 16, 2019 before me, Lori A. Goldberg, Notary Public
(insert name and title of the officer)

personally appeared Harry Stylli
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



Allison Luo

DATE: June 4, 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 San Diego

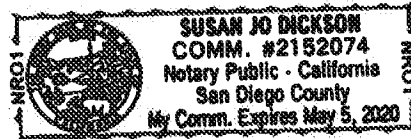
On June 4, 2019 before me, Susan Jo Dickson Notary Public
(insert name and title of the officer)

personally appeared Allison Luo
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 Susan Jo Dickson



The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: PROGENITY, INC.

Signature: _____

Date: _____

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 May 16, 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 _____

Lori A. Goldberg

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