

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6181067

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mitchell Lawrence Jones	02/28/2020
Sharat Singh	02/28/2020
Christopher Loren Wahl	02/28/2020
Harry Stylli	02/28/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PROGENITY, INC.
<b>Street Address:</b>	4330 LA JOLLA VILLAGE DRIVE
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	SAN DIEGO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92122
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16465632
<b>Application Number:</b>	62545188
<b>Application Number:</b>	62583797
<b>PCT Number:</b>	US2017025053
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	(858) 678-5635
<b>Email:</b>	APSI@fr.com
<b>Correspondent Name:</b>	CRYSTAL L. CULHANE
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	44090-0004US2
<b>NAME OF SUBMITTER:</b>	SUZANNE C. O'NEILL
<b>SIGNATURE:</b>	/Suzanne C. O'Neill/

PATENT

<b>DATE SIGNED:</b>	07/01/2020
<b>Total Attachments: 7</b> source=44090-0004XX_ING-011#page1.tif source=44090-0004XX_ING-011#page2.tif source=44090-0004XX_ING-011#page3.tif source=44090-0004XX_ING-011#page4.tif source=44090-0004XX_ING-011#page5.tif source=44090-0004XX_ING-011#page6.tif source=44090-0004XX_ING-011#page7.tif	

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, MITCHELL LAWRENCE JONES, SHARAT SINGH, CHRISTOPHER LOREN WAHL, and HARRY STYLLI, each individually assigns 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 invention(s) (the "Subject Matter") described in the patent applications listed in Schedule A (the "Applications") that names us as inventors.

This Assignment assigns, and confirms any prior assignment, in addition to the Subject Matter of the Applications, (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 and under every treaty or convention, (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: 28 Feb / 2020

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

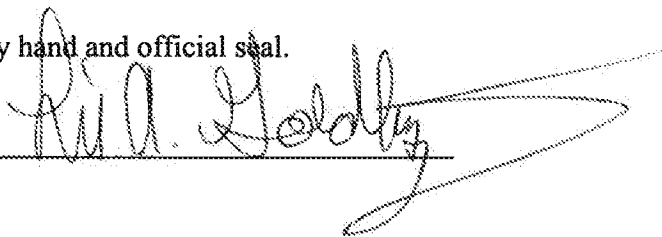
On February 28, 2020 before me, Lori A. Goldberg, Notary Public  
(insert name and title of the officer)

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





Sharat Singh  
Sharat Singh

DATE: Feb 28, 2020

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State of California  
County of SAN DIEGO

On February 28, 2020 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



Christopher Loren Wahl  
Christopher Loren Wahl

DATE: 2/28/2020

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State of California  
County of San Diego

On February 28, 2020 before me, Lori A. Goldberg, Notary Public  
(insert name and title of the officer)

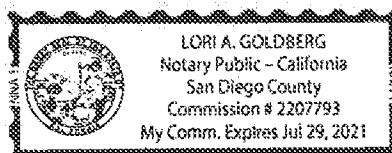
personally appeared Christopher Loren Wahl  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their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

Lori A. Goldberg



Harry Stylli DATE: 02/28/20

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State of California  
County of San Diego

On February 28, 2020 before me, Lori A. Goldberg, Notary Public  
(insert name and title of the officer)

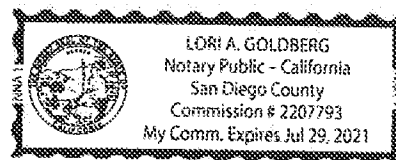
personally appeared Harry Stylli  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s)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



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 February 28, 2020

before me,

Lori A. Goldberg, Notary Public  
(insert name and title of the officer)

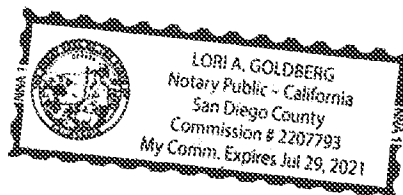
personally appeared

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 \_\_\_\_\_



**Schedule A**

<b>Matterid</b>	<b>Client Ref</b>	<b>Filed</b>	<b>Appin</b>	<b>Country</b>
44090-0004AU2	ING-011-AU2	12/14/2017	2017376807	AUSTRALIA
44090-0004BR2	ING-011-BR2	12/14/2017	BR 11 2019 011702-4	BRAZIL
44090-0004CA2	ING-011-CA2	12/14/2017	3045475	CANADA
44090-0004CN2	ING-011-CN2	12/14/2017	201780077480.3	CHINA
44090-0004EA2	ING-011-EA2	12/14/2017	201991424	EURASIA
44090-0004EP2	ING-011-EP2	12/14/2017	17826641.7	EUROPEAN PATENT CONVENTION
44090-0004HK2	ING-011-HK2	12/14/2017	UNKNOWN	HONG KONG
44090-0004IN2	ING-011-IN2	12/14/2017	201917027737	INDIA
44090-0004JP2	ING-011-JP2	12/14/2017	2019-531756	JAPAN
44090-0004KR2	ING-011-KR2	12/14/2017	10-2019-7019582	SOUTH KOREA
44090-0004MX2	ING-011-MX2	12/14/2017	MX/a/2019/006823	MEXICO
44090-0004P01	ING-011-PV1	12/14/2016	62/434,348	UNITED STATES
44090-0004P02	ING-021-PV2	3/30/2017	62/478,744	UNITED STATES
44090-0004P03	ING-031-PV3	8/14/2017	62/545,188	UNITED STATES
44090-0004P04	ING-041-PV4	11/9/2017	62/583,797	UNITED STATES
44090-0004US2	ING-011-US1	5/31/2019	16/465,632	UNITED STATES
44090-0004WO1	ING-11-WOV1	3/30/2017	PCT/US2017/025053	WIPO
44090-0004WO2	ING-21-WOV2	12/14/2017	PCT/US2017/066474	WIPO

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