

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHELBY MARIE KING	12/10/2019
DEBORAH LYNN GREENE NGUYEN	12/06/2019
SHARON C. PRESNELL	12/05/2019
RECEIVING PARTY DATA	
Name:	ORGANOVO, INC.
Street Address:	6275 NANCY RIDGE DRIVE, SUITE 110
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16334937
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	3731.0350002
NAME OF SUBMITTER:	STEPHANIE L. ELMER
SIGNATURE:	/Stephanie L. Elmer, #59,244/
DATE SIGNED:	12/16/2019
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, Shelby Marie KING, Deborah Lynn Greene NGUYEN, Sharon C. PRESNELL, hereby sell and assign to Organovo, Inc., a corporation formed under the laws of the State of California, whose mailing address is 6275 Nancy Ridge Drive, Suite 110, San Diego, California 92121 (hereafter referred to as the Assignee), their entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in United States Application No. 16/334,937, which has an international filing date of September 28, 2017, entitled "Use of Engineered Renal Tissues In Assays," and in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the undersigned inventors had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any judicial or administrative proceeding, including but not limited to an interference, derivation, post-grant proceeding, or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof or Letters Patent(s) therefor and to cooperate with the Assignee in every way possible in obtaining evidence and assisting with such judicial or administrative proceeding.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 26111** the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with **CUSTOMER NUMBER 26111** are the legal representatives of, and attorneys for, the assignee, and are NOT the legal representatives of, and attorneys for, the inventors.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: 12/10/2019

Signature of Inventor: _____

Shelby Marie KING
Shelby Marie KING

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

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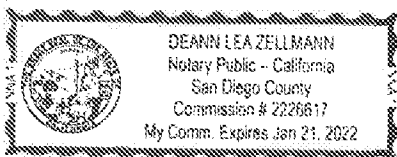
County of San Diego

}

Subscribed and sworn to (or affirmed) before me on this 10th day of December, 2019, by Shelby Marie KING, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

WITNESS my hand and official seal.

[Seal]



Deann L. Zellmann
Notary Public in and for said County and State

Printed Name: DEANN L. ZELLMANN

My Commission Expires: 1/21/2022

Date: Dec 6, 2019

Signature of Inventor: _____

Deborah Lynn Greene NGUYEN

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

}
} ss

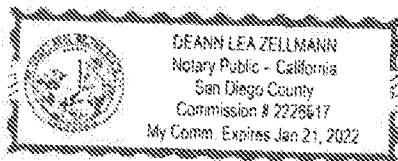
County of San Diego

}

Subscribed and sworn to (or affirmed) before me on this 6th day of December, 2019, by Deborah Lynn Greene NGUYEN, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

WITNESS my hand and official seal.

[Seal]



Deann L. Zellmann
Notary Public in and for said County and State

Printed Name: DEANN L. ZELLMANN

My Commission Expires: 1/21/2022

Date: 12.5.2019

Signature of Inventor: *Sharon C. Presnell*

Sharon C. PRESNELL

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.

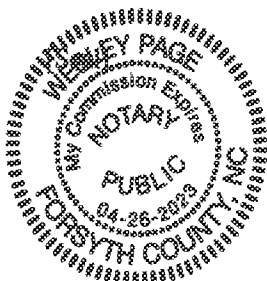
State of NC

County of Forsyth

)
) ss

Subscribed and sworn to (or affirmed) before me on this 5 day of December, 2019,
by Sharon C. PRESNELL, proved to me on the basis of satisfactory evidence to be the person who
appeared before me.

WITNESS my hand and official seal.



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Wesley Page

Notary Public in and for said County and State

Printed Name: Wesley Page

My Commission Expires: 04/26/2023

SIGNED on behalf of the said ASSIGNEE,

ORGANOVO, INC.

By: J. BUSH

Name: Jennifer BUSH

Title: General Counsel

Date: 12/12/19

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 } ss

Subscribed and sworn to (or affirmed) before me on this 12TH day of DECEMBER, 2019, by JENNIFER BUSH, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

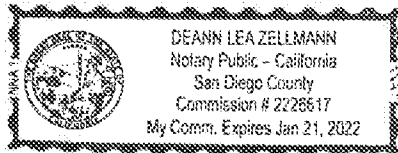
WITNESS my hand and official seal.

[Seal]

Deann L. Zellmann
Notary Public in and for said County and State

Printed Name: DEANN L. ZELLMANN

My Commission Expires: 1/21/2022



PATENT

RECORDED: 12/16/2019

REEL: 051294 FRAME: 0852