

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7772796

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CARRIE J. SHAWBER	11/16/2022
JUNE K. WU	11/16/2022
AJIT MULEY	11/25/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
<b>Street Address:</b>	412 LOW MEMORIAL LIBRARY
<b>Internal Address:</b>	535 WEST 116TH STREET
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10027
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17984734
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(914)288-0023
<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>	9142880022
<b>Email:</b>	uspto@leasonellis.com
<b>Correspondent Name:</b>	LEASON ELLIS LLP
<b>Address Line 1:</b>	ONE BARKER AVENUE
<b>Address Line 2:</b>	FIFTH FLOOR
<b>Address Line 4:</b>	WHITE PLAINS, NEW YORK 10601
<b>ATTORNEY DOCKET NUMBER:</b>	01001/008610-US1
<b>NAME OF SUBMITTER:</b>	BONNIE KRAMER CARNEY
<b>SIGNATURE:</b>	/bonnie kramer carney/
<b>DATE SIGNED:</b>	02/01/2023
<b>Total Attachments: 12</b> source=03274485#page1.tif	

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**ASSIGNMENT**

I, Carrie J. Shawber, having a residence of Township of Washington, New Jersey;

I, June K. Wu, having a residence of New York, New York; and

I, Ajit Muley, having a residence of San Mateo, CA;

(hereinafter "ASSIGNORS") in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, furnished to ASSIGNORS by

The Trustees of Columbia University in the City of New York

a Corporation having a place of business at 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated entire right, title, and interest, **throughout the world** in and to my Invention entitled:

**COMPOSITIONS AND METHODS FOR THE TREATMENT AND PREVENTION OF  
VASCULAR MALFORMATIONS**

invented by me and described in PCT Patent Application No. 17/984,734, filed November 10, 2022, in the United States of America; and any and all improvements thereto, and in and to the application and any division, continuation, or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues or re-exams thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, and in and to any other applications based in whole or in part on any of the foregoing, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I represent and warrant that I have the full power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any grant, license, or right heretofore given.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 11/16/2022

Carrie J. Shawber  
Carrie J. Shawber, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
June K. Wu, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Ajit Muley, Inventor

**ACCEPTANCE BY ASSIGNEE**

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of The Trustees of Columbia University in the City of New York. I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

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☒ I have signed this document on behalf of ASSIGNEE with the full authority of the ASSIGNEE.

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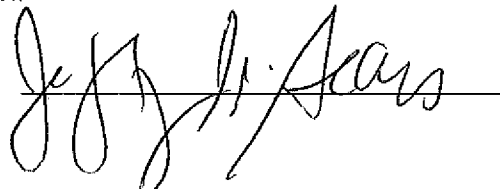
Dated:

1/31/23

By:

Name:

Title:



**Jeffrey M. Sears, Ph.D.**  
Associate General Counsel  
Columbia University

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Attorney Docket No.: 01001/008610-US1

Dated: \_\_\_\_\_

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Carrie J. Shawber, Inventor

Dated: 11/16/22

  
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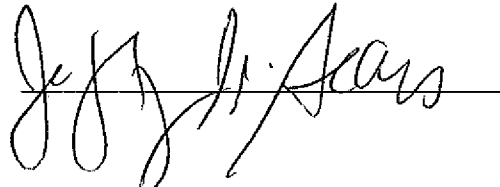
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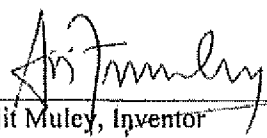
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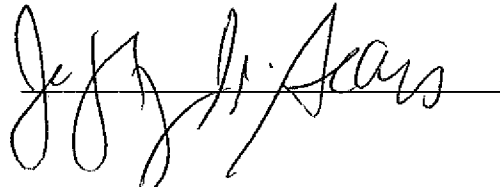
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