

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8115120

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 064545 Frame 0397. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
EDWARD H. BERTRAM	08/01/2023
NATHAN SWAMI	08/01/2023
WALTER VARHUE	08/01/2023
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF VIRGINIA
Street Address:	VARSITY HALL 136 HOSPITAL DRIVE P.O BOX 400301
City:	CHARLOTTESVILLE
State/Country:	VIRGINIA
Postal Code:	22904-4301
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	62678518
Application Number:	17050082
PCT Number:	US2019034378
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	uva@murgitroydip.com
Correspondent Name:	MURGITROYD, STRATEGIC CLIENT SOLUTIONS
Address Line 1:	4721 EMPEROR BLVD
Address Line 4:	DURHAM, NORTH CAROLINA 27703
ATTORNEY DOCKET NUMBER:	02374-04
NAME OF SUBMITTER:	CLAUDIA COLLADO
SIGNATURE:	/Claudia Collado/
DATE SIGNED:	08/15/2023
Total Attachments: 5	
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source=FULLYE~3#page4.tif
source=CoverSheet#page1.tif

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8105768

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 064488 Frame 0345. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
EDWARD H. BERTRAM	08/01/2023
NATHAN SWAMI	08/01/2023
WALTER VARHUE	08/01/2023
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF VIRGINIA PATENT FOUNDATION
Street Address:	VARSITY HALL 136 HOSPITAL DRIVE P.O BOX 400301
City:	CHARLOTTESVILLE
State/Country:	VIRGINIA
Postal Code:	22904-4301
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	62678518
Application Number:	17050082
PCT Number:	US2019034378
CORRESPONDENCE DATA	
Fax Number:	
<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:	919.907.2301
Email:	uva@murgitroydip.com
Correspondent Name:	MURGITROYD, STRATEGIC CLIENT SOLUTIONS
Address Line 1:	4721 EMPEROR BLVD
Address Line 4:	DURHAM, NORTH CAROLINA 27703
ATTORNEY DOCKET NUMBER:	02374-04
NAME OF SUBMITTER:	CLAUDIA COLLADO
SIGNATURE:	/Claudia Collado/
DATE SIGNED:	08/09/2023
Total Attachments: 5	

ASSIGNMENT

WHEREAS, we, Edward H. Bertram, Nathan Swami and Walter Varhue (the "Assignors"), have made an invention entitled

**"DISTRIBUTION SYSTEM FOR FLOW CONTROL OF INFUSATE FROM
BRANCH CATHETERS TO SELECTED SITE"**

described in U.S. Provisional Patent Application Serial No. 62/678,518 filed on May 31, 2018; International Patent Application Serial No. PCT/US2019/034378 filed on May 29, 2019; U.S. Patent Application Serial No. 17/050,082 filed on October 23, 2020, and all subsequent patent applications claiming priority thereto; and

WHEREAS, the University of Virginia, Varsity Hall, 136 Hospital Drive, P. O. Box 400301, Charlottesville, Virginia 22904-4301 (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, including any tangible materials embodied in or encompassed by the invention and any trade secrets pertaining to the invention, and any improvements thereon, (the "Invention") and in and to said applications for Letters Patent thereon in the United States, its territories and possessions ("United States") and all foreign countries, including rights to claim priority, to any provisional applications, and in and to any Letters Patent of the United States or any foreign country which may be granted therefor, including any and all reissues, divisions, continuations, continuations-in-part, renewals, substitutes or extensions thereof (the "Rights");

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer and convey to Assignee, its successors and assigns, the entire right, title and interest in and to the aforesaid Invention and Rights, except that Assignee hereby grants back to the Assignors a royalty free non-transferable license to make and use the Invention under the Rights for educational and research purposes, only. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent which may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignor if this sale and assignment had not been made;

AND Assignors hereby authorize and request the appropriate governmental officials to issue any and all such United States or foreign Letters Patent under said invention, or resulting from any of said applications thereof, to the Assignee, as the assignee of the entire right, title and interest in and to the same;

AND Assignors hereby represent, warrant and covenant that they have the full right to convey the entire interest herein assigned, that they have not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND Assignors further covenant and agree that Assignors will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for said Assignee, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in said Assignee, its successors and assigns the entire right, title and interest in and to said Invention and Rights hereby sold, assigned, transferred and conveyed, and that Assignors will sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension of said application for Letters Patent or any resulting Letters Patent;

AND Assignors further covenant and agree that Assignors will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, Assignor has hereunto set their hand and seal.

Signature of Inventor: [Signature]
Inventor's Name: Edward H. Bertram

Date: 8/01/2023
Citizenship: USA

Inventor's Resident Address: 1629 Keith Valley Road
Charlottesville, VA 22901

FOR NOTARY PUBLIC USE ONLY:

PLACE OF EXECUTION: _____

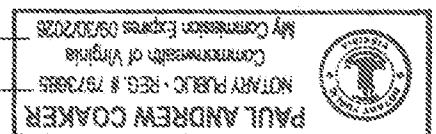
CITY OF _____)
COMMONWEALTH OF VIRGINIA) ss:

FOR WITNESS USE ONLY:

Signature of _____
Witness: _____
Printed Name _____
of Witness: _____
Date: _____

On this 1 day of August, 2023, before me, a Notary Public in and for the Commonwealth of Virginia, at large, personally appeared Edward H. Bertram, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Signature of Notary: [Signature]
Printed Name of Notary: Paul A. Coaker
Notary Public, my commission expires on 08-30-2026



Signature of Inventor: _____
 Inventor's Name: Nathan Swami

Date: 08-01-2023
 Citizenship: USA

Inventor's Resident Address: 1214 Little High Street
Charlottesville, VA 22902

FOR NOTARY PUBLIC USE ONLY:

PLACE OF EXECUTION: Charlottesville, Virginia

CITY OF Charlottesville)
) ss:
 COMMONWEALTH OF VIRGINIA)

On this 1 day of August, 2023, before me, a Notary Public in and for the Commonwealth of Virginia, at large, personally appeared Nathan Swami, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Signature of Notary: PA
 Printed Name of Notary: Paul A. Coaker
 Notary Public, my commission expires on 09-30-2026

FOR WITNESS USE ONLY:

Signature of Witness: _____
 Printed Name of Witness: _____
 Date: _____



PAUL ANDREW COAKER
 NOTARY PUBLIC - REG. # 7973686
 Commonwealth of Virginia
 My Commission Expires 09/30/2026

Signature of Inventor: _____
 Inventor's Name: Walter Varhue

Date: _____
 Citizenship: USA

Inventor's Resident Address: 3241 Champions Drive
Wilmington, DE 19808

FOR NOTARY PUBLIC USE ONLY:

PLACE OF EXECUTION: _____

CITY OF _____)
) ss:
 COMMONWEALTH OF VIRGINIA)

On this _____ day of _____, 20____, before me, a Notary Public in and for the Commonwealth of Virginia, at large, personally appeared Walter Varhue, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Signature of Notary: _____
 Printed Name of Notary: _____
 Notary Public, my commission expires on _____

FOR WITNESS USE ONLY:

Signature of Witness: _____
 Printed Name of Witness: _____
 Date: _____

Signature of Inventor: _____ Date: _____
Inventor's Name: Nathan Swami Citizenship: USA
Inventor's Resident Address: 1214 Little High Street
Charlottesville, VA 22902

FOR NOTARY PUBLIC USE ONLY:

PLACE OF EXECUTION: _____
City of _____)
COMMONWEALTH OF VIRGINIA) ss:

FOR WITNESS USE ONLY:

Signature of _____
Witness: _____
Printed Name _____
of Witness: _____
Date: _____

On this _____ day of _____, 20____, before me, a Notary Public in and for the Commonwealth of Virginia, at large, personally appeared Nathan Swami, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Signature of Notary: _____
Printed Name of Notary: _____
Notary Public, my commission expires on _____

Signature of Inventor: Walter Varhue Date: 08/01/2023
Inventor's Name: Walter Varhue Citizenship: USA
Inventor's Resident Address: 3241 Champions Drive
Wilmington, DE 19808

FOR NOTARY PUBLIC USE ONLY:

PLACE OF EXECUTION: _____
City of _____)
COMMONWEALTH OF VIRGINIA) ss:

FOR WITNESS USE ONLY:

Signature of _____
Witness: Kazusa Echimuwa
Printed Name _____
of Witness: Kazusa Echimuwa
Date: 08/01/2023

On this _____ day of _____, 20____, before me, a Notary Public in and for the Commonwealth of Virginia, at large, personally appeared Walter Varhue, known to me (or proven by evidence of satisfactory identification) to be the person described in and who executed the foregoing instrument and acknowledged the same to be of their free act and deed for the uses and purposes therein set forth.

Signature of Notary: _____
Printed Name of Notary: _____
Notary Public, my commission expires on _____