

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NATHAN SWAMI	02/29/2024
JOHN MCGRATH	02/29/2024
CARLOS HONRADO	05/01/2021
VAHID FARMEHINI	05/11/2022
YI LIU	04/15/2021
RECEIVING PARTY DATA	
Company Name:	UNIVERSITY OF VIRGINIA PATENT FOUNDATION
Street Address:	722 Preston Avenue
Internal Address:	Suite 107
City:	Charlottesville
State/Country:	VIRGINIA
Postal Code:	22903
Individual Name:	Nathan SWAMI
Street Address:	1214 Little High Street
City:	Charlottesville
State/Country:	VIRGINIA
Postal Code:	22904
Individual Name:	John MCGRATH
Street Address:	c/o University of Virginia Patent Foundation
Internal Address:	722 Preston Avenue, Suite 107
City:	Charlottesville
State/Country:	VIRGINIA
Postal Code:	22903
Individual Name:	Walter VARHUE
Street Address:	10646 Greenwood Rd., Apt. B
City:	Glen Allen
State/Country:	VIRGINIA
Postal Code:	23059
Individual Name:	Carlos HONRADO
Street Address:	142 Longwood Dr.

City:	Charlottesville
State/Country:	VIRGINIA
Postal Code:	22903
Individual Name:	Vahid FARMEHINI
Street Address:	4014 Cypress Pointe Dr.
City:	Charlottesville
State/Country:	VIRGINIA
Postal Code:	22901
Individual Name:	Yi LIU
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Internal Address:	722 Preston Avenue, Suite 107
City:	Charlottesville
State/Country:	VIRGINIA
Postal Code:	22903

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17280480

CORRESPONDENCE DATA

Fax Number: 4046457701

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.

Phone: 4046457700

Email: cgranville@mcciplaw.com

Correspondent Name: CHRISTEN GRANVILLE

Address Line 1: 999 PEACHTREE STREET NE

Address Line 2: SUITE 1300

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	10885-041US1
NAME OF SUBMITTER:	Christen Granville
SIGNATURE:	Christen Granville
DATE SIGNED:	03/06/2024

Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, **Nathan Swami, John McGrath, Walter Varhue, Carlos Honrado, Vahid Farmehini and Yi Liu**, (the “Assignors”), have made an invention entitled

“MULTIPLEXED ON-CHIP IMPEDANCE CYTOMETRY SYSTEM AND METHOD”

described in U.S. Patent Application Serial No. **17/280,480** filed on **March 26, 2021**, 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;

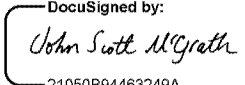
AND Assignors hereby represent, warrant and covenant that they have the full right to convey the entire interest herein assigned, that they have not executed and will not

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;

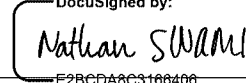
AND Assignors further covenant and agree that Assignors will at any time upon request communicate to the Assignee, its successors, assigns or other legal representatives any facts relating to the aforesaid invention known to it, and will testify as to the same in any interference, litigation, mediation,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

IN WITNESS WHEREOF, Assignors have hereunto set their hands and seals.

Signature of Inventor:  Date: 2/29/2024
DocuSigned by: 21050B94463249A...

Inventor's Name: John MCGRATH Citizenship: UK

Inventor's Resident Address: 144 Old Colony Avenue, Apt 503,
South Boston, MA 02127, USA

Signature of Inventor:  Date: 2/29/2024
DocuSigned by: E2BCDA8C3188406...

Inventor's Name: Nathan SWAMI Citizenship: USA

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

Signature [Notary/Witness]: _____

Printed Name [Notary/Witness]: _____

Notary Public, my commission expires on _____

Signature of Inventor: [Signature] Date: 05/01/21
Inventor's Name: Carlos Honrado Citizenship: Portugal

Inventor's Resident Address: 142 Longwood Dr
Charlottesville, VA 22903

FOR WITNESS/ NOTARY PUBLIC USE ONLY:

PLACE OF EXECUTION: Charlottesville, VA

CITY OF Charlottesville)
) ss:
COMMONWEALTH OF VIRGINIA)

On this 1st day of May, 2021, before me, a Notary Public in and for the Commonwealth of Virginia, at large, personally appeared Carlos Honrado, 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 [Notary/Witness]: [Signature]

Printed Name [Notary/Witness]: Hannah Guardia

Notary Public, my commission expires on _____

Signature of Inventor: _____ Date: _____

Inventor's Name: _____ Citizenship: _____

Inventor's Resident Address: _____

FOR WITNESS/ NOTARY PUBLIC USE ONLY:

PLACE OF EXECUTION: _____

CITY OF _____)
) ss:

Notary Public, my commission expires on _____

Date: _____

Citizenship: _____

Notary Public, my commission expires on _____

Date: 5/11/2021

Citizenship: IRAN

~~Charlottesville, VA 22901~~

PATENT
REEL: 066666 FRAME: 0951

Notary Public, my commission expires on _____

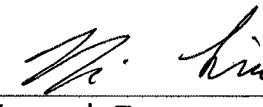
COMMONWEALTH OF VIRGINIA)

On this _____ day of _____, 20____, before me, a Notary Public in and for the Commonwealth of Virginia, at large, personally appeared Vahid Farmehini, 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 [Notary/Witness]: _____

Printed Name [Notary/Witness]: _____

Notary Public, my commission expires on _____

Signature of Inventor:  Date: _____

Inventor's Name: YI LIU Citizenship: USA

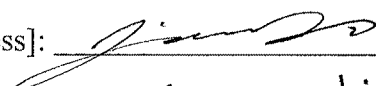
Inventor's Resident Address: 221 Colonnade Dr., Apt. 9
Charlottesville, VA 22903

FOR WITNESS/ NOTARY PUBLIC USE ONLY:

PLACE OF EXECUTION: Charlottesville, VA

CITY OF Charlottesville) ss:
COMMONWEALTH OF VIRGINIA)

On this 15 day of April, 2021, before me, a Notary Public in and for the Commonwealth of Virginia, at large, personally appeared Yi Liu, 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 [Notary/Witness]: 

Printed Name [Notary/Witness]: Jimmy Liu

Notary Public, my commission expires on _____