

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI250774

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Colin Nuckolls	11/05/2021
Jingjing Yang	11/24/2020
Boyuan Zhang	06/01/2021
Amirali Zangiabadi	11/24/2020
Christine McGinn	08/24/2020
Samuel Peurifoy	08/22/2020
Elena Meirzadeh	11/15/2021
Michael Steigerwald	05/12/2022
Xavier Roy	11/08/2021
Ioannis Kymissis	08/27/2020
RECEIVING PARTY DATA	
Company Name:	The Trustees of Columbia University in the City of New York
Street Address:	412 Low Memorial Library
Internal Address:	535 West 116th Street
City:	New York
State/Country:	NEW YORK
Postal Code:	10027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16917758
CORRESPONDENCE DATA	
Fax Number:	2124082501
<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:	(212)408-2500
Email:	dlnydocket@bakerbotts.com
Correspondent Name:	Hiroko Lavietes
Address Line 1:	Baker Botts L.L.P.
Address Line 2:	30 Rockefeller Plaza
Address Line 4:	New York, NEW YORK 10112

ATTORNEY DOCKET NUMBER:	070050.6403
NAME OF SUBMITTER:	Hiroko Lavietes
SIGNATURE:	Hiroko Lavietes
DATE SIGNED:	05/22/2024

Total Attachments: 14

source=070050.6403 - Executed Assignment - CU Inventors#page1.tif
source=070050.6403 - Executed Assignment - CU Inventors#page2.tif
source=070050.6403 - Executed Assignment - CU Inventors#page3.tif
source=070050.6403 - Executed Assignment - CU Inventors#page4.tif
source=070050.6403 - Executed Assignment - CU Inventors#page5.tif
source=070050.6403 - Executed Assignment - CU Inventors#page6.tif
source=070050.6403 - Executed Assignment - CU Inventors#page7.tif
source=070050.6403 - Executed Assignment - CU Inventors#page8.tif
source=070050.6403 - Executed Assignment - CU Inventors#page9.tif
source=070050.6403 - Executed Assignment - CU Inventors#page10.tif
source=070050.6403 - Executed Assignment - CU Inventors#page11.tif
source=070050.6403 - Executed Assignment - CU Inventors#page12.tif
source=070050.6403 - Executed Assignment - CU Inventors#page13.tif
source=070050.6403 - Executed Assignment - CU Inventors#page14.tif

ASSIGNMENT

WHEREAS, WE,

Colin Nuckolls, a citizen of the United States, having a residence address at 560 Riverside Drive, Apt. 12-L, New York, NY 10027;

Jingjing Yang, a citizen of China, having a residence address at 544 W. 113th Street, Apt. 3R, New York NY 10025;

Boyuan Zhang, a citizen of China, having a residence address at 434 W. 120th Street, Apt. 5H, New York, NY 10027;

Qizhi Xu, a citizen of China, having a residence address at 400 W. 119th Street, Apt. 4R, New York, NY 10027;

Amirali Zangiabadi, a citizen of Iran, having a residence address at 254 Seaman Avenue, Apt. C6, New York, NY 10034;

Christine McGinn, a citizen of the United States, having a residence address at 530 Riverside Drive, Apt. 1C, New York, NY 10027;

Samuel Peurifoy, a citizen of the United States, having a residence address at 400 W. 119th Street, Apt. 2D, New York, NY 10027;

Elena Meirzadeh, a citizen of Israel, having a residence address at 400 W. 119th Street, Apt. 7R, New York, NY 10027;

Michael Steigerwald, a citizen of the United States, having a residence address at 1037 Vosseller Avenue, Martinsville, NJ 08836;

Xavier Roy, a citizen of Canada, having a residence address at 560 Riverside Drive, Apt. 16G, New York, NY 10027; and

Ioannis Kymissis, a citizen of _____, having a residence address at 500 W. 120th Street, New York, NY 10027; (hereinafter “**ASSIGNORS**”), have made an invention entitled “**SOLUTION-PROCESSABLE SUPERATOMIC THIN-FILMS**” as set forth and described in U.S. Application No. **16/917,758**, filed **June 30, 2020**; and

WHEREAS, **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** (hereinafter “**ASSIGNEE**”), having its principal place of business at **412 Low Memorial Library, 535 West 116th Street, New York, NY, 10027**, is desirous of acquiring the whole right, title and interest in and to said application for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I, the said **ASSIGNORS**, for and in consideration of valuable considerations unto us moving from said **ASSIGNEE**, at or before the ensealing and delivery of these presents, the receipt and sufficiency of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to the said invention entitled “**SOLUTION-**


PROCESSABLE SUPERATOMIC THIN-FILMS” and any and all improvements thereto, and in and to said 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 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, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said **ASSIGNORS**, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said **ASSIGNEE**, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **ASSIGNEE**, its successors and assigns;

AND WE, the said **ASSIGNORS**, for the considerations aforesaid, do hereby covenant and agree to and with said **ASSIGNEE**, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said **ASSIGNEE**, its successors and assigns, may 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 improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

5 day of November, 2021.



Colin Nuckolls

Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

24 day of November, 2020



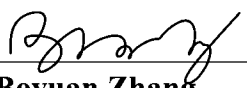
Jingjing Yang

Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

1 day of June, 2021.



Boyuan Zhang

Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

_____ day of _____, 20_____.

Qizhi Xu

Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

24 day of November, 2020.

Zangiabadi
Amirali Zangiabadi

Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

24 day of August, 2020.



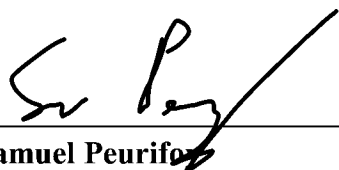
Christine McGinn

Witness Signature

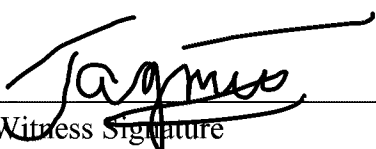
Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

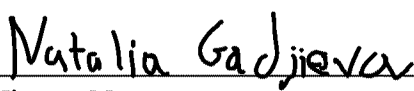
22 day of August, 2020.



Samuel Peurifoy



Witness Signature



Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

15 day of November, 20 21 .



Elena Meirzadeh

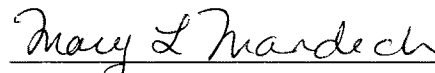
Witness Signature

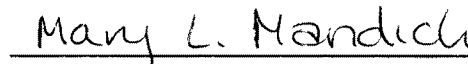
Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

2nd day of May, 2022.

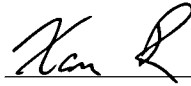

Michael Steigerwald


Witness Signature


Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

8 day of November, 20 21.



Xavier Roy

Witness Signature

Witness Name

IN WITNESS WHEREOF, I, the said **ASSIGNOR** have executed this Assignment this

27th day of Aug, 2020.



Ioannis Kymissis

Witness Signature

Witness Name

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):

☒ I am an officer of the above-identified ASSIGNEE,

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

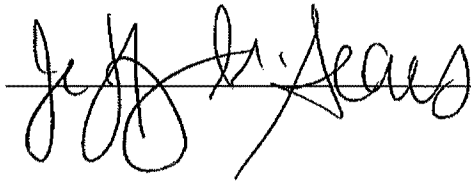
and that all the foregoing is true and correct.

Dated: 05/22/24

By:

Name:

Title:



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