505959834 03/10/2020

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HENRY DANIELL	01/16/2020
KOO HYUN	02/14/2020

RECEIVING PARTY DATA

Name:	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
Street Address:	3160 CHESTNUT STREET
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16301023

CORRESPONDENCE DATA

Fax Number: (215)540-5818

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: 2155409212

Email:docketing@howsoniplaw.comCorrespondent Name:HOWSON & HOWSON LLPAddress Line 1:325 SENTRY PARKWAY EASTAddress Line 2:FIVE SENTRY EAST, SUITE 160Address Line 4:BLUE BELL, PENNSYLVANIA 19422

ATTORNEY DOCKET NUMBER:	UPNK-P06360US01
NAME OF SUBMITTER:	KATHLEEN D. RIGAUT
SIGNATURE:	/KATHLEEN D. RIGAUT/
DATE SIGNED:	03/10/2020

Total Attachments: 6

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PATENT 505959834 REEL: 052069 FRAME: 0717

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PATENT

Inventor: Henry Daniell

ASSIGNMENT

WHEREAS, I, HENRY DANIELL, residing at 25 Christine Lane, Media, PA 19063, hereinafter referred to as ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number PENN 16-7904 (hereinafter "the invention"), assigned U.S. Patent Application No. 16/301,023, filed November 13, 2018, which is entitled "COMPOSITIONS AND METHODS FOR INHIBITING BIOFILM DEPOSITION AND PRODUCTION", which is a §371 of International Patent Application No. PCT/US2017/032437, filed May 12, 2017, which claims benefit of U.S. Provisional Patent Application No. 62/335,650, filed May 12, 201 CHLOROPLASTS" (hereinafter "the subject application").

WHEREAS, The Trustees Of The University of Pennsylvania, hereinafter referred to as the ASSIGNEE, having a place of business at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, is desirous of obtaining any entire right, title, and interest in, to, and under the invention.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuation in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as any be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR further covenants and agrees that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

PATENT

Inventor: Henry Daniell et al.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 16 day of Janu	ary, year of 2020
Henry Daniell	
WITNESS	
SIGNED at Philipping (City)	PA
Name (City)	(State)
Signature	
<u> </u>	

PATENT

Inventor: Henry Daniell et al.

This assignment is accepted on behalf of The Trustees of the University of Pennsylvania by:

Jennifer Langenberger Director, Intellectual Property

PATENT

Inventor: Henry Daniell

ASSIGNMENT

WHEREAS, I, KOO HYUN, residing at 328 Lombard Street, Philadelphia, PA 19147, hereinafter referred to as ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number PENN 16-7904 (hereinafter "the invention"), assigned U.S. Patent Application No. 16/301,023, filed November 13, 2018, , which is entitled "COMPOSITIONS AND METHODS FOR INHIBITING BIOFILM DEPOSITION AND PRODUCTION", which is a §371 of International Patent Application No. PCT/US2017/032437, filed May 12, 2017, which claims benefit of U.S. Provisional Patent Application No. 62/335,650, filed May 12, 201 CHLOROPLASTS" (hereinafter "the subject application").

WHEREAS, The Trustees Of The University of Pennsylvania, hereinafter referred to as the ASSIGNEE, having a place of business at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104, is desirous of obtaining any entire right, title, and interest in, to, and under the invention.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuation in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as any be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR further covenants and agrees that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above

PENN DOCKET NO.: 16-7904	PATENT Inventor: Henry Daniell et al.
my signature.	
Executed this 14 day of February	, year of <u>2020</u>
Koo Hyun	
· · · · · · · · · · · · · · · · · · ·	***************************************
WITNESS	
SIGNED at Philadelphia (City)	PA
(City)	(State)
Arasha Saalin Graham Name	
Oil S. L. G.	/

2-14-2020 Date

PATENT

Inventor: Henry Daniell et al.

This assignment is accepted on behalf of The Trustees of the University of Pennsylvania by:

March 10,2020

Jennifer Langenberger
Director, Intellectual Property

PATENT REEL: 052069 FRAME: 0724

RECORDED: 03/10/2020