### 506358317 11/17/2020

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAVID J. BISHOP	11/10/2020
LAWRENCE BARRETT	11/10/2020

#### **RECEIVING PARTY DATA**

Name:	TRUSTEES OF BOSTON UNIVERSITY	
Street Address:	ONE SILBER WAY	
City:	BOSTON	
State/Country:	MASSACHUSETTS	
Postal Code:	02215	

#### **PROPERTY NUMBERS Total: 2**

Property Type	Number	
Application Number:	16891864	
PCT Number:	US2020035931	

#### **CORRESPONDENCE DATA**

**Fax Number:** (312)977-4405

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:** 312-977-4400

Email: drdurham@nixonpeabody.com, bostonpatent@nixonpeabody.com

Correspondent Name: NIXON PEABODY LLP

Address Line 1: 70 WEST MADISON STREET

Address Line 2: SUITE 3500

Address Line 4: CHICAGO, ILLINOIS 60602-4224

ATTORNEY DOCKET NUMBER:	701586-096450USPT-WOPT
NAME OF SUBMITTER:	PETER J. PROMMER
SIGNATURE:	/Peter J. Prommer/
DATE SIGNED:	11/17/2020

#### **Total Attachments: 6**

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PATENT 506358317 REEL: 054389 FRAME: 0467

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PATENT REEL: 054389 FRAME: 0468

#### ASSIGNMENT

WHEREAS, we, David J. BISHOP and Lawrence BARRETT, are desirous of assigning our entire right, title, and interest in and to all of the applications listed in TABLE A – LIST OF PATENT APPLICATIONS (hereinafter referred to as "THE APPLICATIONS"), and in and to any invention(s) disclosed in THE APPLICATIONS, and in and to any Letters Patents that may issue from THE APPLICATIONS;

TABLE A – LIST OF PATENT APPLICATIONS				
Attorney Docket No.	Country	Serial No.	Filing Date	Title
701586- 096450USPT	US	16/891,864	06/03/2020	MICROELECTROMECHANICAL SHUTTERS FOR ORGANIC VAPOR JET PRINTING
701586- 096450WOPT	wo	PCT/US2020/035931	06/03/2020	MICROELECTROMECHANICAL SHUTTERS FOR ORGANIC VAPOR JET PRINTING

WHEREAS, TRUSTEES OF BOSTON UNIVERSITY, a Massachusetts corporation, having its principal place of business at One Silber Way, Boston, MA 02215 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title, and interest in and to THE APPLICATIONS, and in and to any invention(s) disclosed in THE APPLICATIONS, and in and to any Letters Patents that may issue from THE APPLICATIONS;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign, and transfer to, and hereby acknowledge and confirm that we have sold, assigned, and transferred to ASSIGNEE, its successors, assigns, and legal representatives our entire right, title, and interest in and to THE APPLICATIONS, and in and to any invention(s) disclosed in THE APPLICATIONS, and in and to any Letters Patents that issue from THE APPLICATIONS, and all provisionals, non-provisionals, national stages, utilities, designs, divisionals, reissues, substitutions, continuations, continuations-in-part, and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for any invention(s) disclosed in THE APPLICATIONS, or patents resulting therefrom, insofar as our interest is concerned, to the ASSIGNEE of our entire right, title, and interest.

We also hereby sell and assign to the ASSIGNEE, its successors, assigns, and legal representatives the full and exclusive rights, title, and interest to any invention(s) disclosed in THE APPLICATIONS throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for any invention(s) disclosed in THE APPLICATIONS in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of any invention(s) disclosed in THE APPLICATIONS, and all rights to register any invention(s) disclosed in THE APPLICATIONS in appropriate registries.

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the ASSIGNEE, its successors, assigns, and legal representatives.

We hereby further agree that we will communicate to the ASSIGNEE, or its successors, assigns, and legal representatives, any facts known to us respecting any improvements; and, at the

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expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all provisional, non-provisional, national stage, utility, design, divisional, reissue, substitution, continuation, and continuation-in-part applications, make all lawful oaths, and generally do everything possible to vest title in the ASSIGNEE and to aid the ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for the invention(s) in all countries.

We hereby further authorize and direct the ASSIGNEE'S attorneys to insert into the TABLE A - LIST OF PATENT APPLICATIONS (i) the Attorney Docket No., (ii) the Country, (iii) the serial number, and (iv) the filing date of any foreign counterpart patent application(s) (including any international PCT application(s)) of any of THE APPLICATIONS as soon as the same shall have been made known to them.

# ASSIGNOR

IN TESTIMONY WHEREOF, I, <b>David J. BISHOP</b> , hereunto s	et my signature this 10 day of  David RESHOP
IN TESTIMONY WHEREOF, I, Lawrence BARRETT, hereun	to set my signature this day o
	Lawrence BARRETT

## ASSIGNMENT

WHEREAS, we, David J. BISHOP and Lawrence BARRETT, are desirous of assigning our entire right, title, and interest in and to all of the applications listed in TABLE A - LIST OF PATENT APPLICATIONS (hereinafter referred to as "THE APPLICATIONS"), and in and to any invention(s) disclosed in THE APPLICATIONS, and in and to any Letters Patents that may issue from THE APPLICATIONS;

TABLE A – LIST OF PATENT APPLICATIONS			ICATIONS		
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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign, and transfer to, and hereby acknowledge and confirm that we have sold, assigned, and transferred to ASSIGNEE, its successors, assigns, and legal representatives our entire right, title, and interest in and to THE APPLICATIONS, and in and to any invention(s) disclosed in THE APPLICATIONS, and in and to any Letters Patents that issue from THE APPLICATIONS, and all provisionals, non-provisionals, national stages, utilities, designs, divisionals, reissues, substitutions, continuations, continuations-in-part, and extensions thereof, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for any invention(s) disclosed in THE APPLICATIONS, or patents resulting therefrom, insofar as our interest is concerned, to the ASSIGNEE of our entire right, title, and interest.

We also hereby sell and assign to the ASSIGNEE, its successors, assigns, and legal representatives the full and exclusive rights, title, and interest to any invention(s) disclosed in THE APPLICATIONS throughout the world, including the right to file applications and obtain patents. utility models, industrial models, and designs for any invention(s) disclosed in THE APPLICATIONS in its own name throughout the world, including all rights of priority, all rights to publish cannonary notices reserving ownership of any invention(s) disclosed in THE APPLICATIONS, and all rights to register any invention(s) disclosed in THE APPLICATIONS in appropriate registries.

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We hereby further agree that we will communicate to the ASSIGNEE, or its successors, assigns, and legal representatives, any facts known to us respecting any improvements; and, at the

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expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all provisional, non-provisional, national stage, utility, design, divisional, reissue, substitution, continuation, and continuation-in-part applications, make all lawful oaths, and generally do everything possible to vest title in the ASSIGNEE and to aid the ASSIGNEE, its successors, assigns, and legal representatives to obtain and enforce proper protection for the invention(s) in all countries.

We hereby further authorize and direct the ASSIGNEE'S attorneys to insert into the TABLE A - LIST OF PATENT APPLICATIONS (i) the Attorney Docket No., (ii) the Country, (iii) the serial number, and (iv) the filing date of any foreign counterpart patent application(s) (including any international PCT application(s)) of any of THE APPLICATIONS as soon as the same shall have been made known to them.

Attorney Docket Nos.: 701586-096450USPT/096450WOFT

## <u>ASSIGNOR</u>

IN TESTIMONY WHEREOF, I, David J. BISHOP, hereunto se	t my signature this day of
,2020.	
	David J. BISHOP
IN TESTIMONY WHEREOF, I, Lawrence BARRETT, hereunt	o set my signature this <u>10</u> day of
<u>November</u> 2020.	1 1 11
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