#### 504433275 06/27/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4479976

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BRETT BURTON	03/28/2017
AMY M. HEINTZ	01/12/2017
KURT BOSWORTH	03/22/2017
ANTHONY D. DOUNG	01/13/2017
MIKE JANSEN	04/06/2017

#### RECEIVING PARTY DATA

Name:	BATTELLE MEMORIAL INSTITUTE
Street Address:	505 KING AVENUE
City:	COLUMBUS
State/Country:	ОНЮ
Postal Code:	43201-2693

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

Property Type	Number
Application Number:	62100440
Application Number:	14988742

#### **CORRESPONDENCE DATA**

Fax Number: (415)738-4229

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: 415-383-3660

Email: correspondence@frpatents.com

**Correspondent Name:** FRANK ROSENBERG

Address Line 1: 5737 KANAN ROAD, NO. 190

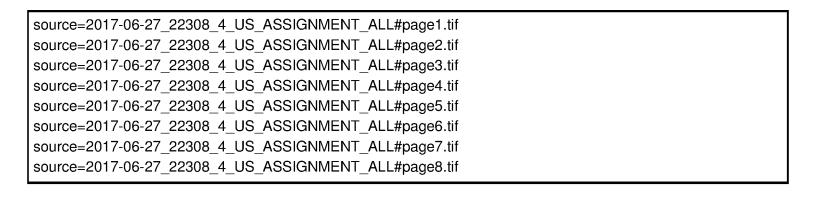
Address Line 4: AGUORA HILLS, CALIFORNIA 91301

ATTORNEY DOCKET NUMBER: 22308\_4\_US NAME OF SUBMITTER: FRANK ROSENBERG SIGNATURE: /Frank Rosenberg/ **DATE SIGNED:** 06/27/2017

**Total Attachments: 8** 

**PATENT REEL: 042827 FRAME: 0752** 

504433275



PATENT REEL: 042827 FRAME: 0753

To

#### Battelle Memorial Institute

WHEREAS We (I), Brett Burton, a citizen of the United States of America residing at 9063 Eversole Run Rd., Powell, Ohio 43065, United States of America; Amy M. Heintz, a citizen of the United States of America residing at 5612 Dumfries Ct. W. Dublin, Ohio 43017 United States of America; Kurt Bosworth, a citizen of the United States of America residing at 9538 Champaign County Line Road, Woodstock, Ohio, 43084, United States of America; Anthony D. Duong, a citizen of the United States of America, 807 S. 5th Street, Columbus, Ohio 43206, United States of America; and Mike Jansen, a citizen of United States of America, residing at 48 Woodward Avenue, Asheville, NC 28804 United States of America; have made certain inventions for which Patent Applications, US and International, were filed as follows:

Type	Application Number	Date Filed	Title
PROVISIONAL	62/100,440	01-06-2015	Uniform Heat Distribution in Resistive Heaters For Anti-Icing and De-Icing
US	14/988,742	01-05-2016	Uniform Heat Distribution in Resistive Heaters For Anti-Icing and De-Icing

WHEREAS, Battelle Memorial Institute, having offices at 505 King Avenue, Columbus Ohio 43201-2693, United States of America herein called "ASSIGNEE", is desirous of acquiring our entire right title and interest in said invention, and in any patent or patents to be obtained therefore;

NOW THEREFOR, To All Whom It May Concern, be it known that, 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, we have sold, assigned and transferred, and by these presents do sell, assign, and transfer unto the said Assignee, our full, exclusive and entire, right, title and interest in and to the invention disclosed, shown, described, or claimed in the applications identified above; and in and to any extensions, reissues, divisions, or renewals thereof. And we further assign unto the said Assignee our whole right, title and interest in any claim to priority based on the applications identified above and for which a priority claim may be made in applications US or foreign.

And we further covenant and agree that we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed and that we will, at the request and expense of the said Assignee, execute such application papers as may be

PATENT REEL: 042827 FRAME: 0754

To

#### Battelle Memorial Institute

desired by the said Assignee for the filing of any associated applications, divisions or renewals of the applications identified above, or for the reissues or extension of any Letters Patent that may be granted upon said application, and will execute such Supplemental Declarations and Preliminary Statements, or other papers as desired by the said Assignee.

And we further assign unto the said Assignee our whole right, title and interest to all of the inventions disclosed in the application(s) in the United States and throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in it's own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said inventions in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.

Assignee hereby acknowledges receipt of the full, exclusive and entire, right, title and interest in and to the invention disclosed, shown, described, or claimed in the applications identified above; and in and to any extensions, reissues, divisions, or renewals thereof. And we further acknowledge receipt of the whole right, title and interest in any claim to priority based on the applications identified above and for which a priority claim may be made in applications US or foreign.

2 of 8

PATENT REEL: 042827 FRAME: 0755

To

#### Battelle Memorial Institute

### **Assignor Inventor 1**

Brett Burton

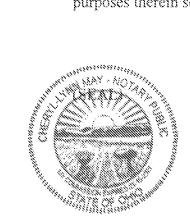
State of Ohio )

:ss )

County of Franklin

This 27 day of Mac 200 before me, a Notary Public in and for the County aforesaid, personally appeared **Brett Burton**, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his volutary act and deed, and that he executed the same for the uses and purposes therein set forth.

Notary Public



To

#### Battelle Memorial Institute

Assignor Inventor 2

UM)	/	
Amy M. Heintz	E. Area	

State of Ohio

) :ss )

County of Franklin

This 12 day of 10000, 2000, before me, a Notary Public in and for the County aforesaid, personally appeared Amy M. Heintz, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his volutary act and deed, and that he executed the same for the uses and purposes therein set forth.

Notary Public

(SEAL)



To

### Battelle Memorial Institute

IN TESTIMONY WHI Columbus, Ohio, Unite <del>2016.</del>	REOF I have hereunto set my hand and affixed my seal at d States of America this 22 MD day of MARCH,	
Assignor Inventor 3		
	Kurt Bosworth	••••
State of Ohio	)	
County of Franklin	:ss )	
County aforesaid, personners to be the personners	ha/C/\ , 20\ , before me, a Notary Public in and for the sonally appeared <b>Kurt Bosworth</b> , personally known to me are not described in and who executed the foregoing assignment and to be his volutary act and deed, and that he executed the same for the	id id

(SEAL)



To

### Battelle Memorial Institute

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Columbus, Ohio, United States of America this 13 day of Tanuary, 2016-2017 CAM	
Assignor Inventor 4	
marayanan mananan manan	

State of Ohio ) :ss

County of Franklin

This 13 day of 2017, 2017, before me, a Notary Public in and for the County aforesaid, psesonally appeared Tony Duong, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his volutary act and deed, and that he executed the same for the uses and purposes therein set forth.

Notary Public

(SEAL)



To

# **Battelle Memorial Institute**

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal
at A Cheliu NC United States of America this day of
Assignor Inventor 5
vi Jam
Mike Jansen ( )
North Carolina
North Carolina State of Othio  Bunconte :ss
Bruncombe :ss
County of Franklin )
This day of Mrd, 2017, before me, a Notary Public in and for the County aforesaid, personally appeared Mike Jansen, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his volutary act and deed, and that he executed the same for
the uses and purposes therein set forth.
Notary Public
BUNCOMINE BUNCOMINE

To

### Battelle Memorial Institute

	OF I have hereunto set my hand and affixed my seal at attes of America this /2 m day of 4 mile.
Assignee	
	Drolly endam
	C. Michael Gegenheimer
	Associate IP Counsel
	Battelle Memorial Institute
State of Ohio	
	SS
County of Franklin	)
aforesaid, personally appear known to be the person de	, before me, a Notary Public in and for the County red C. Michael Gegenheimer, personally known to me and escribed in and who executed the foregoing assignment on I Institute for the uses and purposes therein set forth.
anna samanahila	Notary Public