## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6459306

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
XINGBO LIU	05/17/2019
TIANLIANG ZHAO	05/17/2019
GREG COLLINS	05/17/2019

#### **RECEIVING PARTY DATA**

Name:	WEST VIRGINIA UNIVERSITY
Street Address:	886 CHESTNUT RIDGE ROAD
City:	MORGANTOWN
State/Country:	WEST VIRGINIA
Postal Code:	26506-6224

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17247648

#### **CORRESPONDENCE DATA**

**Fax Number:** (412)562-1041

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:** 412-562-3978

Email: joan.bice@bipc.com

Correspondent Name: CRAIG G. COCHENOUR

Address Line 1: UNION TRUST BUILDING

Address Line 2: 501 GRANT STREET, SUITE 200

Address Line 4: PITTSBURGH, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER:	0074539-000102
NAME OF SUBMITTER:	JOAN H. BICE
SIGNATURE:	/Joan H. Bice/
DATE SIGNED:	12/18/2020

#### **Total Attachments: 3**

source=0074539-000102\_Assignment#page1.tif source=0074539-000102\_Assignment#page2.tif source=0074539-000102\_Assignment#page3.tif

PATENT 506412549 REEL: 054696 FRAME: 0930

## West Virginia University Research Corporation

Office of Technology Transfer

# RECORD OF ASSIGNMENT to WEST VIRGINIA UNIVERSITY

Form may be separately completed by each inventor/creator

ne of Inventor/Creator	Residence Address (No P.O. Box)
Tianliang Zhao	380 Baldwin St. Apt. 12, Morgantown, WV 2650;
Greg Collins	121 Old Lock 13 Rd, Morgantown, WV 26501
Xingbo Liu	2140 Lakeside Estates, Morgantown, WV 26508

#### TITLE OF INTELLECTUAL PROPERTY

High Temperature Corrosion Sensor

which may become the subject of a United States or foreign patent application or any other type of intellectual property protection.

AND WHEREAS WEST VIRGINIA UNIVERSITY, a state institution of higher education existing under the laws of the State of West Virginia (hereinafter called "Assignee"), is desirous of acquiring the entire worldwide right, title, and interest in, to and under said invention/creation and in, to and under Letters Patent or similar legal protection including any intellectual property protections to be obtained therefore in the United States, its territorial possessions, and in any and all foreign countries.

NOW, THEREFORE, in consideration of One (\$1.00) Dollar, the Intellectual Property Policy of West Virginia University and/or other good and valuable consideration paid to Assignor(s) by said Assignee, the receipt and sufficiency of all of which Assignor(s) hereby acknowledge(s), Assignor(s) do/does hereby assign, sell, transfer, and set over unto said Assignee, the entire right, title, interest in said intellectual property and improvements for the United States and its territorial possessions and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said Assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and an and all divisions, reissues, continuations, continuations-in-part, substitutes, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by Assignor(s) had this assignment not been made.

16

### Confidential

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. Assignor(s) covenant that Assignor(s) is/are the lawful owner(s) of the inventions and improvements disclosed in said invention, that the same are unencumbered, that no license has been granted to make, use, offer for sale, sell or import said inventions or improvements of any of them, and that Assignor(s) has/have the full right to make this assignment.

Assignor(s) hereby covenant(s) with said Assignee, its successors, assigns and legal representatives that I/we have made to others no assignment, grant, mortgage, license, sale or agreement affecting the rights and property conveyed and that we have the full right to convey the same as herein expressed.

And for the consideration aforesaid, Assignor(s) agree(s) jointly and individually that Assignor(s) will communicate to said Assignee or the representatives thereof any facts known to Assignor(s) respecting said inventions and improvements, and will, upon request, but without expense to Assignor(s), testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue, continuation, continuations-in-part, substitutes, renewal, and/or all other patent applications, execute all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said Assignee or by counsel for said Assignee, to assist or enable said Assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon Assignor(s) heirs, executors, administrators, successors, and/or assigns, and shall inure to the benefit of the heirs, executors, administrative successors and/or assigns, as the case may be, of said Assignee

DATE EXECUTED 7/24/7 .20/9	
Tianliang Zhao Carl	iong 2 has
INVENTOR/CREATOR I (printed name) INVENTOR/C	RBATOR I (signature)
State of <u>WV</u> County of <u>HOLD</u> The forgoing instrument was acknowledged before me this <u>HQQ</u>	17 Th. 20/9 by
Tianliang Zhao (Inventor/creator name).	
My commission expires Algern Or Ale 20-71	\$ \\ \( \tag{\tau} \) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\
Notary Public (signature)	Notary Public, State Of West Virginia Patricla A Goldie SRI Laural Run Read
farman Cathanas X	My commission express to combine as agent \$

DATE EXECUTED May 17, 2019

Ca	Midential	40	
- a a J		. <i>\ 0</i>	
Greg Collins / INVENTOR/CREATOR 2 (pripted-game)	MANA COM	TONCREATOR 2	) /elonatora
William Contraction of Grand States	31.3.3.3.3.3.3	ionentrion.	. (signature
State of WV County of	S	1	
The forgoing instrument was acknowledged before		Q4/24	20 <u>/ 9</u> by
Sea Collins (inventor/) My commission expires Alexade 36	creator name).` , 202/	U	
The state of the s	, 2000		77777777777777777777777777777777777777
<u> </u>	****		lotary Public, State Of West Virginia Patricla A Goldie
Notary Public (signature)			SSII/SAWES
		447744	2000 000 000 000 000 000 000 000 000 00
DATE EXECUTED 4724 /7		i in a second and a	
DATE EXPONIED 7.808		<b>2</b>	
Xingbo Liu			
INVENTOR/CREATOR 3 (printed name)	INVENT	OR/CREATOR 3	(signature)
State of <u>WV</u> County of <u>J/J/J/</u> The forgoing instrument was acknowledged before	mothic M	2. 1700	.20/ <i>9</i> bv
	creator name).	7	
My commission expires 1/62,04,26	, 20 <u>:3</u> /	Manage	
- (Vatrii, 4 LAM).		No.	Officers (in Public, State Or West Virginia)
Notary Public (signature)		- 3	Patricia A Golda *Elewycyciana /
nom; roune (ngimune)		My 1000	Commission and an a December 194, 2001. S
DATE EXECUTED	_, 20		
INVENTOR/CREATOR 4 (printed name)	INVENT	OR/CREATOR 4	(signature)
11. (printed hance)	114 6 1214 1	Of Cital in Cit.	(oignature)
State of County of	.,		22
The forgoing instrument was acknowledged before			, 20 by
My commission expires(inventor/c	ловия нанісу. , 20		
	<b></b>		
Notary Public (signature)			Seal/Stamp

18