

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEJIE ZHAO	09/10/2019
LUIZE SCALCO DE VASCONCELOS	09/10/2019
RONG XU	09/10/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PURDUE RESEARCH FOUNDATION
<b>Street Address:</b>	1801 NEWMAN ROAD
<b>City:</b>	WEST LAFAYETTE
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	47906
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62613698
<b>Application Number:</b>	16240014
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	jjmartin@prf.org
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<b>ATTORNEY DOCKET NUMBER:</b>	68131-01-02
<b>NAME OF SUBMITTER:</b>	JENI MARTIN
<b>SIGNATURE:</b>	/Jeni Martin/
<b>DATE SIGNED:</b>	12/11/2019
<b>Total Attachments: 6</b>	
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**ASSIGNMENT**

**WHEREAS, *WE*,**

**Name**  
Kejie Zhao  
Luize Scalco De Vasconcelos  
Rong Xu

(hereinafter "ASSIGNORS"), have made or developed a technology identified in a disclosure to Purdue Research Foundation (PRF) and assigned:

PRF reference number: 2018-ZHAO-68131

generally known as:

**A DESIGN OF FLUID CELL FOR OPERANDO INDENTATION**

which is further described in a patent application filed in the United States Patent and Trademark Office on January 4, 2018 and accorded Application No. 62/613,698 ("Technology"); and which is further described in a patent application filed in the United States Patent and Trademark Office on January 4, 2019 and accorded Application No. 16/240,014 ("Technology"); and

**WHEREAS**, Purdue Research Foundation, a statutory body corporate formed and existing under the Indiana Foundation or Holding Companies Act of 1921, having a place of business at *1801 Newman Road, West Lafayette, IN 47906* (hereinafter "ASSIGNEE"), is desirous of accepting and assuming all such right, title, and interests of the ASSIGNOR.

**NOW, THEREFORE**, for good and valuable consideration, receipt of which is hereby acknowledged, the ASSIGNOR(s) do hereby sell, transfer, convey, assign and deliver unto the ASSIGNEE, its successors, assigns and legal representatives, any and all intellectual property rights, whether domestic or foreign related to the Technology, including but not limited to: all portions, and works in progress with respect thereto and all inventions, works of authorship, masks works, technology, information, know-how, materials and tools relating thereto or to the

development, support or maintenance thereof; all copyright, patent rights, trade secret rights, trademark rights, mask works rights, and all other intellectual property rights and all business, contract rights and goodwill in, incorporated or embodied in, used to develop, or related to any of the foregoing and any registrations and applications for registrations of the foregoing throughout the United States of America and the world and any and all other applications arising therefrom, including any and all divisional applications, continuation applications, and continuation-in-part applications (but only and solely to the extent such continuation-in-part applications are described in the priority application to which such continuation-in-part applications claim priority and such priority is not denied), of the Technology, and any and all patents to be issued and obtained therefor and thereon, in the United States and throughout the world, including all reissued Patents, and extensions thereof (collectively, the "Intellectual Property");

**AND WE HEREBY** agree to communicate to ASSIGNEE or its representative any facts known to us respecting the Technology whether or not patentable, which we may conceive, develop, make, produce or reduce to practice in whole or in part as a result of any employment, research, or activity involving or relating to the use of Purdue University resources; and agree to sign all lawful documents and make all rightful oaths and declarations relating to said Technology and Intellectual Property; authorize ASSIGNEE to insert herein the date of application, serial number, date of registration, and registration number of patents issued once known; and agree to otherwise aid ASSIGNEE as necessary and desirable to:

1. Obtain, enforce, and maintain any issued letters patent in the United States or throughout the world, when reasonably requested to do so by ASSIGNEE, including but not limited to executing, acknowledging, and delivering to ASSIGNEE such written documents and instruments as ASSIGNEE requests and giving testimony in support of ASSIGNEE's inventorship, as may be necessary in ASSIGNEE's opinion to obtain and maintain patents in the United States of America and throughout the world;

2. Secure or aid in securing and maintaining copyright protection in the Intellectual Property and assist ASSIGNEE or its nominees in filing applications to register copyright in the name of ASSIGNEE as owner in such Intellectual Property; and

3. Execute, acknowledge, and deliver to ASSIGNEE at its expense, such written documents and instruments and do such other acts as may be necessary in the opinion of

ACCEPTED BY ASSIGNOR:

09/10/2019  
Date

Luize Scalco de Vasconcelos  
Luize Scalco De Vasconcelos

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09/10/2019

Date



Rong Xu

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ACCEPTED BY ASSIGNOR:

09/10/2017  
Date

  
Kejie Zhao

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ACCEPTED BY ASSIGNEE:

*September 13, 2019*

Date

By:  \_\_\_\_\_

Printed: Bobak P. Jalaie

Title: Chief Patent Counsel and Director of IP-Legal

Office of Technology Commercialization

Purdue Research Foundation