

## 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>
ANITA SHUKLA	03/21/2019
HANYANG LIU	03/21/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BROWN UNIVERSITY
<b>Street Address:</b>	BOX 1949
<b>City:</b>	PROVIDENCE
<b>State/Country:</b>	RHODE ISLAND
<b>Postal Code:</b>	02912
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16823163
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(401)751-0604
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<b>ATTORNEY DOCKET NUMBER:</b>	405505-590001US
<b>NAME OF SUBMITTER:</b>	DEEPTI RASTOGI
<b>SIGNATURE:</b>	/Deepti Rastogi/
<b>DATE SIGNED:</b>	03/16/2023
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

**THIS ASSIGNMENT**, made this \_\_\_\_\_ day of \_\_\_\_\_, 2019 by:  
**Anita SHUKLA**, residing at: 200 Exchange Street, Unit 613, Providence, RI 02903; and  
**Hanyang LIU**, residing at: 25 Church St., Apt. 4, E. Providence, RI 02914:  
(hereinafter referred to as Assignor);

**WHEREAS**, Assignor has invented certain new and useful improvements in:

**AURANOFIN RELEASING ANTIBACTERIAL AND ANTIBIOFILM  
POLYURETHANE INTRAVASCULAR CATHETER COATINGS**

as set forth in U.S. Provisional Patent Application No. 62/820,120 filed on March 18, 2019; and  
as set forth in U.S. Provisional Patent Application No. 62/821,209 filed on March 20, 2019; and

**WHEREAS, Brown University**, having its principal place of business at: Box  
1949, Providence, RI 02912 (hereinafter referred to as Assignee), is desirous of acquiring the  
entire right, title and interest in and to said inventions and said Application for Letters Patent of  
the United States, and in and to any Letters Patent of the United States to be obtained therefore  
and thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which  
is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these  
presents do sell, assign, transfer and set over, unto Assignee, its successors, legal  
representatives and assigns, the entire right, title and interest in and to the above-mentioned  
inventions and application for Letters Patent, and in and to any and all direct and indirect  
divisions, continuations and continuations-in-part of said application, and any and all Letters  
Patent in the United States and all foreign countries which may be granted therefor and thereon,  
and reissues, reexaminations and extensions of said Letters Patent, and all rights under the  
International Convention for the Protection of Industrial Property, the same to be held and  
enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal  
representatives and assigns, to the full end of the term or terms for which Letters Patent may be  
granted and/or extended, as fully and entirely as the same would have been held and enjoyed by  
Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same is unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenant and agrees to and with Assignee, its successors, legal representatives and assigns that: Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or said Design application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; and, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

**ADLER POLLOCK & SHEEHAN P.C.**

All practitioners at Customer Number 133139

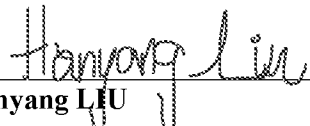
**AND** Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.

Date: March 21, 2019

Signature:   
**Anita SHUKLA**

Date: March 21, 2019

Signature:   
**Hanyang LIU**