PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5400617

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER T. BORN	02/05/2019

RECEIVING PARTY DATA

Name:	RHODE ISLAND HOSPITAL	
Street Address:	593 EDDY STREET	
City:	PROVIDENCE	
State/Country:	RHODE ISLAND	
Postal Code:	02906	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14899972

CORRESPONDENCE DATA

Fax Number: (401)751-0604

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: ADLER POLLOCK & SHEEHAN P.C.

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ATTORNEY DOCKET NUMBER:	405533-501N01US
NAME OF SUBMITTER:	PAMELA BLAKE
SIGNATURE:	/Pamela Blake/
DATE SIGNED:	03/01/2019

Total Attachments: 3

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PATENT 505353832 REEL: 048479 FRAME: 0966

ASSIGNMENT

THIS ASSIGNMENT, made this 18th day of December, 2015 by: Christopher T. Born, residing at: 1900 Rittenhouse Square, Philadelphia, PA 019103;

(hereinafter referred to as Assignor);

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

VISUALIZATION OF BACTERIAL COLONIZATION AND BIOFILM FORMATION ON ORTHOPAEDIC TRAUMA EXPLANTS

as set forth in U.S. Patent Application No. 14/899,972 filed on December 28, 2015 and

WHEREAS, RHODE ISLAND HOSPITAL having its principal place of business at: 593 Eddy Street, Providence, RI 02906 (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.

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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.

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PATENT REEL: 048479 FRAME: 0968 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: 2/5/19

Signature: Christopher T. Born