

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4633973

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NAOAKI SHIMADA	12/20/2016
RECEIVING PARTY DATA		
Name:	BOSTON BIOMEDICAL, INC.	
Street Address:	640 MEMORIAL DRIVE	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02139	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	15116850	
Application Number:	61936925	
CORRESPONDENCE DATA		
Fax Number:	(202)408-4400	
<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>		
Phone:	2024084000	
Email:	julie.giordano@finnegan.com	
Correspondent Name:	FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP	
Address Line 1:	901 NEW YORK AVENUE NW	
Address Line 2:	ATTN: PATENT DEPARATMENT	
Address Line 4:	WASHINGTON, D.C. 20001-4413	
ATTORNEY DOCKET NUMBER:	13153.0016-00000	
NAME OF SUBMITTER:	NICHOLAS E. BENCIVENGA	
SIGNATURE:	/Nicholas E. Bencivenga/	
DATE SIGNED:	10/10/2017	
Total Attachments: 2		
source=Executed Confirmatory Assignment (N. Shimada)#page1.tif		
source=Executed Confirmatory Assignment (N. Shimada)#page2.tif		

CONFIRMATORY ASSIGNMENT

I, **Naoaki Shimada**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that I have sold and assigned, and do hereby assign, sell and transfer to **Boston Biomedical, Inc.**, a Delaware limited liability company having offices at **640 Memorial Drive, Cambridge, Massachusetts 02139**, and to its successors, assigns, and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the U.S. Patent Application entitled:

3-SUBSTITUTED CARBONYL-NAPHTHO[2,3-B]FURANE DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF

filed with the United States Patent and Trademark Office on **August 5, 2016** and assigned U.S. Patent Application Serial No. **15/116,850**, which is a National Stage Application of International Application No. **PCT/US2015/014865** filed on **February 6, 2015**, which claims priority to, and/or the benefit of, U.S. Provisional Patent Application No. **61/936,925** filed **February 7, 2014**, and including any national/regional phase applications, U.S. utility applications, renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications thereof; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

I agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

For ASSIGNOR:

Date: December 20, 2016

N. Shimada

Signature of: **Naoaki Shimada**

Signed in our presence and acknowledged to be an assignment of the application herein above referred to:

WITNESSES:

Signature: Seiji Kamioka

Signature: H. Ban

Name (Printed) Seiji Kamioka

Name (Printed) Hitoshi Ban

Date: December 20, 2016

Date: December 20, 2016