PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4915068

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DENISE L. FAUSTMAN	04/12/2018

RECEIVING PARTY DATA

Name:	THE GENERAL HOSPITAL CORPORATION
Street Address:	55 FRUIT STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02114

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15763967

CORRESPONDENCE DATA

Fax Number: (617)428-7045

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: (617) 428-0200

Email: patentadministrator@clarkelbing.com

Correspondent Name: CLARK & ELBING LLP Address Line 1: 101 FEDERAL STREET

Address Line 2: 15TH FLOOR

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	00786-575002
NAME OF SUBMITTER:	TODD ARMSTRONG, PH.D.
SIGNATURE:	/Todd Armstrong, Ph.D./
DATE SIGNED:	04/13/2018

Total Attachments: 2

source=Executed Assignment (Faustman)#page1.tif source=Executed Assignment (Faustman)#page2.tif

> **PATENT** REEL: 045536 FRAME: 0106

504868328

Attorney Docket No.: 00786-575002

ASSIGNMENT

For valuable consideration, I,

Full Name of Assignor	City	State (and Country if not USA)
Denise L. Faustman	Boston	MA

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
The General Hospital Corporation	Massachusetts	55 Fruit Street, Boston, MA 02114

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by me, identified as:

Title of Application	Filing Date	Serial Number
METHODS OF TREATING AND DIAGNOSING DISEASE USING BIOMARKERS FOR BCG THERAPY	September 29, 2016	PCT/US2016/054535
METHODS OF TREATING AND DIAGNOSING DISEASE USING BIOMARKERS FOR BCG THERAPY	September 29, 2016	15/763,967

and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

Attorney Docket No.: 00786-575002

ASSIGNOR		
IN WITNESS WHEREOF, I hereto set my hand and this 12 day of 12 day 2	seal at <i>Apu-l</i> 0	
Denise L. Faustman		L.S.
Witness:		
Signature		
LYNAE MURRY Printed name		