### 505087370 09/11/2018

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
GREGORY T ZUGATES	10/19/2015
JOSEPH LOMAKIN	10/30/2015
JENNIFER MORTENSEN	10/26/2015
JEFFREY GROOM II	10/29/2015
JOHN MARINI	10/20/2015
STEPHANIE WEBBER	10/19/2015

### **RECEIVING PARTY DATA**

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State/Country:	MASSACHUSETTS	
Postal Code:	02472	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15944154

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SIGNATURE:	/Loryce ElHamawy/
DATE SIGNED:	09/11/2018

PATENT REEL: 046836 FRAME: 0620

# Total Attachments: 8 source=8140.0012C\_executedassign#page1.tif source=8140.0012C\_executedassign#page2.tif source=8140.0012C\_executedassign#page3.tif source=8140.0012C\_executedassign#page4.tif source=8140.0012C\_executedassign#page5.tif source=8140.0012C\_executedassign#page6.tif source=8140.0012C\_executedassign#page7.tif source=8140.0012C\_executedassign#page8.tif

PATENT REEL: 046836 FRAME: 0621

# PATENT APPLICATION Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors:

GREGORY T. ZUGATES

JOSEPH LOMAKIN

JENNIFER MORTENSEN

JEFFREY GROOM II

## JOHN MARINI STEPHANIE WEBBER

Who have created a certain invention for which an application for United States Letters Patent entitled "METHODS, DEVICES AND SYSTEMS FOR FILLING BODY CAVITIES", was filed at the U.S. Patent and Trademark Office on September 22, 2015 and assigned U.S. Patent Application Serial No. 14/862,043.

Do hereby sell, assign and transfer to **Arsenal Medical, Inc.**, a corporation having a place of business at 480 Arsenal Street, Watertown, MA, 02472, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all provisionals, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Arsenal Medical, Inc.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing

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PATENT REEL: 036966 FRAME: 0932

Assignment for 14/862,043 Attorney Docket No. 8140ARS0012

proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

PATENT REEL: 046966 FRAME: 0920 IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the date indicated below.

			GREGORY T. ZUGATES
Date:			
United States of Am	erica	)	
State of		) ss.:	
County of			
On this	day of	,	, before me
personally came	GREGORY T. 2	ZUGATES	, to me known to be the individual
described in and wh	o executed the foregoing	ng instrument,	and acknowledged execution
of the same.	-	_	-
		Notary	Public

			JOSEPH LOMAKIN
Date:			
United States of Am	nerica	)	
State of		) ss.:	
County of		)	
On this	day of	,	, before me
personally came	JOSEPH LOMA	KIN	, to me known to be the individual
described in and wh	o executed the foregoing in	nstrument	and acknowledged execution
of the same.			
		Nistan	D1-1: -
		inotar	y Public

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REEL: 046966 FRAME: 0922

			JENNIFER MORTENSEN
Date:			
United States of Am	erica )		
State of	) s	SS.:	
County of	)		
On this	day of	,	, before me
personally came	JENNIFER MORTE	NSEN	, to me known to be the individual
described in and who	o executed the foregoing ins	trument,	and acknowledged execution
of the same.			
		Notar	v Public

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REEL: 046966 FRAME: 0926

			JEFFREY GROOM II
Date:			
United States of Am	nerica )	ı	
State of	)	SS.:	
County of			
On this	day of	,	, before me
personally came	JEFFREY GROO	M II	, to me known to be the individual
described in and wh	o executed the foregoing in	strument	and acknowledged execution
of the same.			-
		Notai	v Public

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			JOHN MARINI
Date:			
United States of Am	nerica	)	
State of		) ss.:	
County of		)	
On this	day of	,	, before me
personally came	JOHN MARI	NI	, to me known to be the individual
described in and wh of the same.	o executed the foregoing i	nstrument	and acknowledged execution
		Notar	v Public

			STEPHANIE WEBBER
Date:		_	
United States of Am	erica	)	
State of		) ss.:	
County of		_)	
On this	day of	,	, before me
personally came	STEPHANIE V	VEBBER	, to me known to be the individual
described in and wh	o executed the foregoin	g instrument	and acknowledged execution
of the same.	-		<u>-</u>
		Notai	v Public

PATENT REEL: 046966 FRAME: 0929

RECORDED: 09/05/2018