PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
DEBORAH A. BUFFINGTON	10/11/2016

RECEIVING PARTY DATA

Name:	INNOVATIVE BIOTHERAPIES, INC.
Street Address:	650 AVIS DRIVE, SUITE 300
City:	ANN ARBOR
State/Country:	MICHIGAN
Postal Code:	48108

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	15664884
Application Number:	15492518
Application Number:	15628071

CORRESPONDENCE DATA

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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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ckomm@goodwinlaw.com, tayube@goodwinlaw.com, Email:

patentbos@goodwinlaw.com

Correspondent Name: PATENT ADMINISTRATOR Address Line 1: GOODWIN PROCTER LLP Address Line 2: 100 NORTHERN AVENUE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	NPR-013C1, 13US2C1,14C1
NAME OF SUBMITTER:	CRYSTAL A. KOMM
SIGNATURE:	/Crystal A. Komm/
DATE SIGNED:	07/19/2018

Total Attachments: 3

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ASSIGNMENT AND CONFIRMATION OF ASSIGNMENT OF PATENT RIGHTS

WHEREAS, I, Deborah A. Buffington, along with Christopher J. Pino and/or H. David Humes, have invented one or more inventions described in the patent applications listed in Schedule A attached hereto (hereinafter, the "Patent Applications"); and

WHEREAS, Innovative BioTherapies, Inc. (hereinafter "ASSIGNEE"), a corporation having a usual place of business at 650 Avis Drive, Suite 300, Ann Arbor, Michigan 48108, desires to acquire an interest therein, in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of one dollar and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I confirm I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said Patent Applications, together with my entire right, title and interest in and to said Patent Applications and such Letters Patent(s) as may issue thereon or claim priority thereto under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, continuations-in-part, reissues, reexaminations, extensions, and substitutions of said Patent Applications or such Letters Patent(s); said invention(s), application(s) and Letters Patent(s) to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent(s) may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all of my rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent(s), including but not limited to any cause(s) of action and damages accruing prior to this assignment;

AND, I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent(s) by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent(s) to ASSIGNEE in its own name as assignee of my entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges;

AND, I hereby authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Letters Patent(s) as shall be granted upon or claim priority to or the benefit of said Patent Applications, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

Assignment and Confirmation of Assignment of Patent Rights Deborah A. Buffington Page 2 of 3

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal on the date(s) set forth below.

	Deborah A. Buffington
public, personally appeared Deborah A. I	LOLA M TATUM Notary Public. State of Michigan County of Wayne My Commission Expires 01-15-2018 Ss.: Acting in the County of Making State 20 16 , before me, the undersigned notary Buffington, proved to me through satisfactory evidence
of identification, which was/were <u>Deliver</u> person whose name is signed on the prece	eding or attached document in my presence.
	John M. Jate
	Notary Public
Accepted b	y: Innovative BioTherapies, Inc.
	Print Name: H.DAVIS HUMES
	Title: President
	Date: 10/11/2016
United States of America State of <u>Michieral</u> County of เมลามอ	LOLA M TATUM) Notary Public, State of Michigan County of Wayns My Commission Expires 01-15-2018 Acting in the County of Wayns
On this <u>in</u> day of <u>octobed</u> public, personally appeared <u>belied is</u> evidence of identification, which was/wer be the person whose name is signed on th	, 20 16 , before me, the undersigned notary LICENSE H. DAVO, proved to me through satisfactory re DRIVER'S LICENSE , to ne preceding or attached document in my presence.
	Ad hate Notary Public

SCHEDULE A

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Cytopheresis Cartridge and Use Thereof NPR-013 USA 13/878,954	
Cytopheretic Cartridge and Use Thereof NPR-013PC PCT PCT/US2011/0564	69
Cytopheretic Cartridge and Use Thereof NPR-013AU Australia 2011315839	
Cytopheretic Cartridge and Use Thereof NPR-013CA Canada 2814586	
Cytopheretic Cartridge and Use Thereof NPR-013EP Europe 11779284.6	
Cytopheretic Cartridge and Use Thereof NPR-013IL Israel 225713	
Cytopheretic Cartridge and Use Thereof NPR-013JP Japan 2013-534056	
Cartridge and Method for Increasing	
Myocardial Function NPR-013/2 USA 14/252,305	
Cartridge and Method for Increasing	
Myocardial Function NPR-013PC2 PCT PCT/US2012/0596	14
Cartridge and Method for Increasing	
Myocardial Function NPR-013AU2 Australia 2012364759	
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Myocardial Function NPR-013CA2 Canada 2852220	
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Myocardial Function NPR-013EP2 Europe 12865238.5	
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Myocardial Function NPR-013IL2 Israel 232123	
Cartridge and Method for Increasing	
Myocardial Function NPR-013JP2 Japan 2014-535823	
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Myocardial Function NPR-014PR USA 61/584,337	
Cartridge and Method for Increasing	
Myocardial Function NPR-014 USA 14/327,145	
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Myocardial Function NPR-014PC PCT PCT/US2012/0596	15
Cartridge and Method for Increasing	
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