#### 11/15/2018 505193639

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5240408

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAMES BENDER	05/18/2017
SETH WARDELL	01/04/2018
MICHAEL T. LOTZE	05/18/2017

#### **RECEIVING PARTY DATA**

Name:	LION BIOTECHNOLOGIES, INC.
Street Address:	999 SKYWAY ROAD, SUITE 150
City:	SAN CARLOS
State/Country:	CALIFORNIA
Postal Code:	94070

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

Property Type	Number
Application Number:	16192707

#### CORRESPONDENCE DATA

Fax Number: (415)442-1001

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: 4154421000

Email: sheila.gloss@morganlewis.com

MORGAN, LEWIS & BOCKIUS LLP (SF) **Correspondent Name:** 

Address Line 1: ONE MARKET, SPEAR STREET TOWER, SUITE 28

Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	116983-5017-US06
NAME OF SUBMITTER:	SHEILA R. GLOSS
SIGNATURE:	/Sheila R. Gloss/
DATE SIGNED:	11/15/2018

#### **Total Attachments: 6**

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> **PATENT REEL: 047519 FRAME: 0602**

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PATENT REEL: 047519 FRAME: 0603

#### ASSIGNMENT

James Bender, a citizen of \_\_\_\_\_\_\_,

with a post office address of 3 CLOVErdale

(Gancho Santa Margarita CA 92688

Seth Wardell, a citizen of \_\_\_\_\_\_,
with a post office address of \_\_\_\_\_\_,

Michael T. Lotze, a citizen of 15A
with a post office address of 5134 westminster RAGE
PITTSPNEUR, PA 1523Z

hereinafter generally referred to collectively as "ASSIGNORS," have invented certain new and useful inventions entitled:

# "PROCESSES FOR PRODUCTION OF TUMOR INFILTRATING LYMPHOCYTES AND USES OF SAME IN IMMUNOTHERAPY"

that is described in U.S. Provisional Application No. 62/478,506 filed March 29, 2017;

hereinafter referred to as "Invention" naming the above ASSIGNORS as inventors.

WHEREAS, Lion Biotechnologies, Inc., a United States corporation, having a business address of 999 Skyway Road, Suite 150, San Carlos, California 94070, United States of America, hereinafter generally referred to as "ASSIGNEE," is desirous of acquiring and/or confirming the acquisition of the Invention.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and intending to be legally bound hereby, we, ASSIGNORS, have assigned and/or hereby sell, assign, transfer and convey unto ASSIGNEE, the whole and entire right, title and interest in and to:

all Inventions:

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PATENT REEL: 047519 FRAME: 0604 the above patent application[s] and any and all United States and foreign patent applications disclosing one or more of the Inventions including, without limitation, applications for patents including provisionals, non-provisionals, divisions, continuations, continuations-in-part, utility models, PCT applications and designs and any other related United States and foreign applications and equivalents thereof ("Applications"), along with the right to claim priority to the Applications under any treaty relating thereto;

all United States and foreign patents, utility models, inventor's certificates and designs and all equivalents thereof which may be granted for the Inventions or Applications, and all post-grant actions including extensions, renewals, reissues, reexamination certificates, post-grant review certificates, inter partes review certificates, and supplemental examination certificates thereof ("Patents"); and

all rights to sue for and collect damages resulting from past, present and future infringement of all granted or to be granted Patents.

The Inventions, Applications and Patents to be held and enjoyed by ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms of said granted or to be granted Patents, as fully and entirely as the same would have been held by ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, declarations, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Inventions, Applications and Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

It is agreed that ASSIGNORS shall be legally bound, upon request and at the expense of ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practicing of the Inventions, and to testify in any legal proceeding relating thereto.

Each ASSIGNOR hereby represents and warrants that he/she has full right, power and authority to assign their entire right, title, and interest in the Patents, Applications, and Inventions, and to consummate the assignment contemplated herein. Each ASSIGNOR also represents and warrants that he/she has full right, power, and authority to enter into, execute, and deliver this Assignment, the execution and delivery of which have been duly authorized by all necessary action on the part of ASSIGNORS, and no other authorization or proceedings on the part of ASSIGNORS are necessary to authorize this Assignment. This Assignment has been duly executed and delivered and constitutes a valid, binding and enforceable assignment of the entire right, title, and interest in the Patents and Applications, and Inventions.

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

## [ASSIGNMENT MAY BE SIGNED IN COUNTERPARTS]

18 May 2017

James Bender EADL presented

JAMILA A. COWANS
Notary Public - State of Florida
My Comm. Expires Jul 31, 2018
Commission & FF 146663
Bopted Through National Nationy Assn.

(Date)

Seth Wardell

18 May 2017 (Date)

Michael T. Lotze

Personally Known-Hichael T. Lotze

JAMILA A. COWANS
Notary Public - State of Florida
My Comm. Expires Jul 31, 2018
Commission # Ff 146663
Bended Through National Notary Assn.

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## **ASSIGNMENT**

WHEREAS, We,	
James Bender, a citizen of	
with a post office address of	
	* *************************************
Seth Wardell, a citizen of Tar	npa, FL,
with a post office address of	30204 USF Holly Dr. ampa, FL 33620 ;
	;
<b>-</b>	
Michael T. Lotze, a citizen of	***************************************
with a post office address of	
hereinafter generally referred to collecti useful inventions entitled:	vely as "ASSIGNORS," have invented certain new and
"PROCESSES FOR PRO	DUCTION OF TUMOR INFILTRATING SES OF SAME IN IMMUNOTHERAPY"
mini noci ilo and o	SES OF SAME IN IMMUNOTHERAPY"
that is described in U.S. Provisional Ap	olication No. 62/478,506 filed March 29, 2017;
hereinafter referred to as "Invention" na	ming the above ASSIGNORS as inventors.
of 999 Skyway Road, Suite 150, San Ca	e., a United States corporation, having a business address rlos, California 94070, United States of America, SIGNEE," is desirous of acquiring and/or confirming the
sufficiency of which is hereby acknowled	of good and valuable consideration, the receipt and edged and intending to be legally bound hereby, we, eby sell, assign, transfer and convey unto ASSIGNEE, est in and to:
all Inventions;	

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PATENT REEL: 047519 FRAME: 0607 the above patent application[s] and any and all United States and foreign patent applications disclosing one or more of the Inventions including, without limitation, applications for patents including provisionals, non-provisionals, divisions, continuations, continuations-in-part, utility models, PCT applications and designs and any other related United States and foreign applications and equivalents thereof ("Applications"), along with the right to claim priority to the Applications under any treaty relating thereto;

all United States and foreign patents, utility models, inventor's certificates and designs and all equivalents thereof which may be granted for the Inventions or Applications, and all post-grant actions including extensions, renewals, reissues, reexamination certificates, post-grant review certificates, inter partes review certificates, and supplemental examination certificates thereof ("Patents"); and

all rights to sue for and collect damages resulting from past, present and future infringement of all granted or to be granted Patents.

The Inventions, Applications and Patents to be held and enjoyed by ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms of said granted or to be granted Patents, as fully and entirely as the same would have been held by ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, declarations, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Inventions, Applications and Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

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

## [ASSIGNMENT MAY BE SIGNED IN COUNTERPARTS]

(Date)	James Bender
04 Jan 2018	SATaul
(Date)	Seth Wardell
(Date)	sem warden
(Date)	Michael T Letre

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RECORDED: 11/15/2018

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**REEL: 047519 FRAME: 0609**