

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5545950

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES BENDER	05/18/2017
SETH WARDELL	01/04/2018
MICHAEL T. LOTZE	05/18/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LION BIOTECHNOLOGIES, INC.
<b>Street Address:</b>	999 SKYWAY ROAD
<b>Internal Address:</b>	SUITE 150
<b>City:</b>	SAN CARLOS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94070
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16425767
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)442-1001
<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>	
<b>Phone:</b>	4154421000
<b>Email:</b>	sheila.gloss@morganlewis.com
<b>Correspondent Name:</b>	MORGAN, LEWIS & BOCKIUS LLP
<b>Address Line 1:</b>	ONE MARKET, SPEAR TOWER
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94105
<b>ATTORNEY DOCKET NUMBER:</b>	116983-5017-US10
<b>NAME OF SUBMITTER:</b>	SHEILA R. GLOSS
<b>SIGNATURE:</b>	/Sheila R. Gloss/
<b>DATE SIGNED:</b>	05/29/2019
<b>Total Attachments: 6</b>	
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ASSIGNMENT

WHEREAS, We,

James Bender, a citizen of USA,  
with a post office address of 3 cloverdale  
Rancho Santa Margarita, CA 92688

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

Michael T. Lotze, a citizen of USA,  
with a post office address of 5134 WESTMINSTER PLACE  
PITTSBURGH, PA 15232

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;

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.

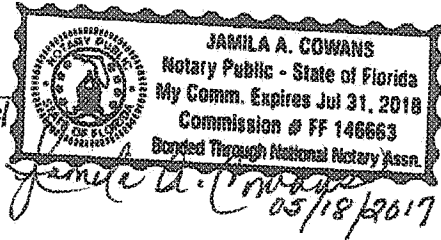
Each ASSIGNOR hereby represents and warrants that he/she has full right, power and authority to assign their entire right, title, and interest in the Patents, Applications, and Inventions, and to consummate the assignment contemplated herein. Each ASSIGNOR also represents and warrants that he/she has 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.

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  
(Date)

James Bender  
James Bender *EADL presented*  
# 88338327



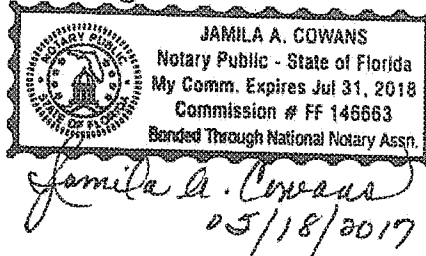
\_\_\_\_\_  
(Date)

\_\_\_\_\_  
Seth Wardell

18 May 2017  
(Date)

Michael T. Lotze  
Michael T. Lotze

*Personally Known - Michael T. Lotze*



**ASSIGNMENT**

WHEREAS, We,

James Bender, a citizen of \_\_\_\_\_,  
with a post office address of \_\_\_\_\_  
\_\_\_\_\_;

Seth Wardell, a citizen of Tampa, FL \_\_\_\_\_,  
with a post office address of 30204 USF Holly Dr.  
Tampa, FL 33620 \_\_\_\_\_;

Michael T. Lotze, a citizen of \_\_\_\_\_,  
with a post office address of \_\_\_\_\_  
\_\_\_\_\_;

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

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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.

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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.

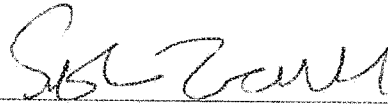
[ASSIGNMENT MAY BE SIGNED IN COUNTERPARTS]

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
**James Bender**

04 Jan 2018

\_\_\_\_\_  
(Date)



\_\_\_\_\_  
**Seth Wardell**

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
**Michael T. Lotze**