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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5641880

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IAN FRANK	05/18/2017
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: 2

Property Type	Number		
Application Number:	15751440		
Application Number:	15892331		

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 2800

Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	116983-5004-US/US01
NAME OF SUBMITTER:	SHEILA R. GLOSS
SIGNATURE:	/Sheila R. Gloss/
DATE SIGNED:	07/29/2019

Total Attachments: 3

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PATENT REEL: 049894 FRAME: 0160 505595079

ASSIGNMENT

WHEREAS, We,

Ian Frank, a citizen of	5M				
with a post office address of	8302	Old Tr	sun b	JL	
_	Tampa	, FL.	33647	7 ;	
Michael T. Lotze, a citizen of	USA		,		<u> </u>
with a post office address of _	5134	WES	NIM	is ter	PIACE
	PITTOB			15,232	

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

"RESTIMULATION OF CRYOPRESERVED TUMOR INFILTRATING LYMPHOCYTES"

that is described in U.S. Provisional Application No. 62/415,452 filed October 31, 2016;

hereinafter referred to as "Inventions" 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 Inventions.

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;

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PATENT REEL: 049894 FRAME: 0161 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]

 $\frac{5/18/17}{(Date)}$

5/18/17

Jan Park

Ian Frank FLDL presented #F 652-417-72-053-0

Michael T. Lotze

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

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Personally Known-Michael T. Lotze

JAMILA A. COWANS

Notary Public - State of Florida
My Comm. Expires Jul 31, 2018

Commission # FF 146663

Bonded Through National Notary Assn.

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RECORDED: 07/29/2019