

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

EPAS ID: PAT5705306

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PULSE VETERINARY TECHNOLOGIES, LLC	09/06/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SIGULER GUFF PVT DEBT HOLDINGS, LLC
<b>Street Address:</b>	200 PARK AVENUE
<b>Internal Address:</b>	23RD FLOOR
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10166
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11284584
<b>Application Number:</b>	11909191
<b>Application Number:</b>	12032346
<b>Patent Number:</b>	6979307
<b>Patent Number:</b>	6368298
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	jonathan.bradford@ropesgray.com
<b>Correspondent Name:</b>	ROPES & GRAY LLP
<b>Address Line 1:</b>	PRUDENTIAL TOWER
<b>Address Line 2:</b>	800 BOYLSTON STREET
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02199-3600
<b>ATTORNEY DOCKET NUMBER:</b>	SGCH-207-209
<b>NAME OF SUBMITTER:</b>	JONATHAN BRADFORD
<b>SIGNATURE:</b>	/Jonathan Bradford/
<b>DATE SIGNED:</b>	09/06/2019
<b>Total Attachments: 5</b>	

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## PATENT SECURITY AGREEMENT

September 6, 2019

This PATENT SECURITY AGREEMENT (this “Patent Security Agreement”) is entered into as of the date hereof, by and between **PULSE VETERINARY TECHNOLOGIES, LLC**, a Delaware limited liability company (“Grantor”) and **SIGULER GUFF PVT DEBT HOLDINGS, LLC**, in its capacity as the Secured Party (in such capacity, together with its successors and permitted assigns, the “Collateral Agent”).

### WITNESSETH:

WHEREAS, Grantor is party to a Security Agreement, dated as of the date hereof (as it may be from time to time amended, restated, amended and restated, replaced, supplemented or otherwise modified, the “Security Agreement”), in favor of the Secured Party pursuant to which Grantor granted to the Secured Party a security interest in and continuing lien on, certain intellectual property rights owned by the Grantor and pursuant to which Grantor is required to execute and deliver this Patent Security Agreement;

NOW, THEREFORE, in consideration of the premises and to induce the Lenders and the Collateral Agent, for the benefit of the Secured Party, to enter into the Security Agreement, and to induce the Lenders to make their respective extensions of credit to the Borrower under a related credit agreement, Grantor hereby agrees with the Collateral Agent as follows:

SECTION 1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

SECTION 2. Grant of Security Interest in Patent Collateral. Grantor hereby pledges and grants to the Collateral Agent for itself and the ratable benefit of the Secured Party a continuing lien on and security interest in and to all of its right, title and interest in, to and under (a) the Patents of Grantor listed on Schedule I attached hereto (excluding any “intent-to-use” Patent application filed with the USPTO prior to the filing of a “Statement of Use” or “Amendment to Allege Use” with respect thereto, to the extent, if any, that, and solely during the period, if any, in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use Patent application under applicable federal law); (b) all extensions or renewals of any of the foregoing; (c) all of the goodwill of the business connected with the use of and symbolized by the foregoing; (d) the right to sue for past, present and future infringement or dilution of any of the foregoing or for any injury to goodwill; and (e) all Proceeds of the foregoing, including without limitation, licenses, royalties, income, payments, claims, damages and proceeds of suit (collectively, the “Patent Collateral”).

SECTION 3. Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Collateral Agent pursuant to the Security Agreement, and should not be deemed to grant a broader security interest in the Patent Collateral than what is granted by the Grantor to the Collateral Agent in the Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement (and are expressly subject to the terms and conditions thereof), the terms and

provisions of which are incorporated by reference as if fully set forth herein. In the event that any provision of this Patent Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

SECTION 4. Termination. Upon the termination of the Security Agreement in accordance with its terms, the Collateral Agent shall execute, acknowledge, and deliver to Grantor an instrument in writing in recordable form releasing the collateral pledge, grant, lien and security interest in the Patent Collateral under this Patent Security Agreement.


SECTION 5. Counterparts. This Patent Security Agreement may be executed in any number of counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Patent Security Agreement by facsimile or other electronic imaging (including in .pdf format) means shall be effective as delivery of a manually executed counterpart of this Patent Security Agreement.

SECTION 6. GOVERNING LAW. THIS PATENT SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

**[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK.]**

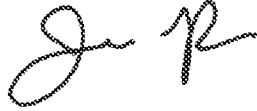
IN WITNESS WHEREOF, Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

**PULSE VETERINARY TECHNOLOGIES,  
LLC**

By:   
Name: Adrian Lock  
Title: Chief Executive Officer

Accepted and Agreed:

**SIGULER GUFF PVT DEBT HOLDINGS, LLC**  
as Collateral Agent



By: \_\_\_\_\_

Name: Joshua Posner

Title: Authorized Signatory

SCHEDULE I  
to  
PATENT SECURITY AGREEMENT  
PATENT COLLATERAL

COMPANY OWNED PATENTS						
Patent / Pub. No.	App. No.	Title	Assignee	Inventor(s)	Issue Date	Status
2006/0074394	11/284,584	Systems and methods for preparing autologous fibrin glue	PULSE VETERINARY TECHNOLOGIES, LLC	Roberto Beretta, Nicholas A. Grippi	NA	Abandoned.
2008/0190857	11/909,191	Systems and Methods of Producing Membranes	PULSE VETERINARY TECHNOLOGIES, LLC	Roberto Beretta, Nicholas A. Grippi	NA	Abandoned.
2008/0199513	12/032,346	SYSTEMS AND METHODS FOR PREPARING AUTOLOGOUS FIBRIN GLUE	PULSE VETERINARY TECHNOLOGIES, LLC	Roberto Beretta, Nicholas A. Grippi	NA	Abandoned.
6,979,307	10/053,247	SYSTEMS AND METHODS FOR PREPARING AUTOLOGOUS FIBRIN GLUE	PULSE VETERINARY TECHNOLOGIES, LLC	Roberto Beretta, Nicholas A. Grippi	12/27/05	Expired.
6,368,298	09/446,729	READY-TO-USE KIT FOR PREPARING AUTOLOGOUS FIBRIN GLUE	PULSE VETERINARY TECHNOLOGIES, LLC	SERGIO LODI, ROBERTO BERETTA	04/09/02	Expired.