

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4288631

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TIMOTHY N HOLT	11/07/2014
RECEIVING PARTY DATA		
Name:	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	
Street Address:	P.O. BOX 483	
City:	FORT COLLINS	
State/Country:	COLORADO	
Postal Code:	80522	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15121024
CORRESPONDENCE DATA		
Fax Number:	(512)334-2999	
<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>		
Phone:	512-334-2900	
Email:	mburke@phiplaw.com	
Correspondent Name:	STEVEN L HIGHLANDER - PARKER HIGHLANDER PLLC	
Address Line 1:	1120 SO CAPITAL OF TEXAS HIGHWAY	
Address Line 4:	AUSTIN, TEXAS 78746	
ATTORNEY DOCKET NUMBER:	VBLT.P0236US - UCO	
NAME OF SUBMITTER:	STEVEN L. HIGHLANDER	
SIGNATURE:	/Steven L. Highlander/	
DATE SIGNED:	02/23/2017	
Total Attachments: 2		
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source=VBLT.P0236US.P1 - 14-117 Assignment to CSURF 61943651 - Holt 11-7-2014 (00192109xCCC41)#page2.tif		

ASSIGNMENT

WHEREAS, I:

**Timothy N. Holt
317 Ridgewood Court
Fort Collins, CO 80524 USA**

(hereinafter, individually and collectively the "Assignor"), have invented certain new and useful systems, devices, and methods disclosed and described in a utility application for Letters Patent, titled **"Markers to Identify Cattle at Risk of High Altitude Pulmonary Hypertension,"** which can be identified in the U.S. Patent and Trademark Office by Application No. 61/943,651, filed on **February 24, 2014** (the "Utility Application") with attorney docket no. VBLT.P0236US.P1; and

WHEREAS, Assignor desires to assign any and all right, title and interest to said Utility Application, and any provisional, non-provisional, continuation, continuation-in-part, divisional, international, foreign, regional and convention applications corresponding thereto, and any and all Letters Patent of the United States and countries and regions foreign thereto which may grant or have granted thereto or be lodged in relation thereto, any reissue or reexamination thereof or to be obtained therefor, any renewals, or substitutes thereof, and any and all priority rights or priority claims, International Convention rights, any and all rights to collect past damages for infringement of any and all Letters Patent of the United States and countries and regions foreign thereto which may be published, which may grant, or have granted thereto or be lodged in relation thereto, and other benefits accruing to or to accrue to Assignor with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto (the "Patent Rights"); and

WHEREAS, Colorado State University Research Foundation, a non-profit corporation organized and existing under the laws of the State of Colorado, and having its principal place of business at P.O. Box 483, Fort Collins, Colorado 80522 USA (the "Assignee"), desires to acquire any and all, right, title, and interest of Assignor in and to the invention(s), the Patent Rights, and in, to, and under any and all Letters Patent to be obtained therefor;

NOW THEREFORE, for good and valuable consideration to Assignor, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred and by these presents does hereby sell, assign and transfer to the said Assignee, and said Assignee's legal representatives, successors and assigns, any and all of the entire right, title and interest in and to the invention(s), Patent Rights, and any and all Letters Patent to be obtained therefor;

UPON SAID CONSIDERATION, the Assignor hereby covenants and agrees with the said Assignee that it will not execute any writing or do any act whatsoever conflicting with these presents, and that it will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, provisionals, non-provisionals, continuations, continuations-in-part, continuing prosecutions, divisionals, renewals, reissues, reexamined or extended Letters Patent of the United States, or of any and all foreign countries, on said Patent Rights, and execute confirmatory assignments or acknowledgments of this assignment as

necessary for full enjoyment of the Patent Rights and for recording in foreign patent offices, and in enforcing any rights or choses in action accruing as a result of such Patent Rights, by giving testimony in any proceedings or transactions involving such Patent Rights, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties;

UPON SAID CONSIDERATION, Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey any and all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party;

ASSIGNOR HEREBY AUTHORIZES said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing date of the Utility Application and otherwise take advantage of the provisions of any international conventions.

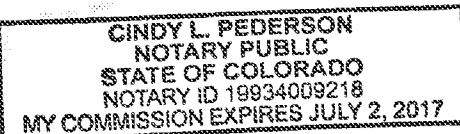
IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Date: Nov 7, 2014

By: [Signature]
Todd N. Holt

STATE OF COLORADO)
) ss.
COUNTY OF LARIMER)

On this 7th day of November, 2014, before me a Notary Public in and for said county, personally appeared Todd N. Holt who executed the foregoing instrument and acknowledged that he signed, sealed and delivered the same instrument as a free and voluntary act for the purposes and considerations therein expressed.



[Signature]
Notary Public

My commission expires: July 2, 2017

(SEAL)