

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4225565

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MATTHEW BREEN	11/01/2016
RECEIVING PARTY DATA		
Name:	NORTH CAROLINA STATE UNIVERSITY	
Street Address:	1021 MAIN CAMPUS DRIVE	
Internal Address:	2ND FLOOR	
City:	RALEIGH	
State/Country:	NORTH CAROLINA	
Postal Code:	27606	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15304388
CORRESPONDENCE DATA		
Fax Number:	(888)737-1649	
<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:	9198890914	
Email:	docket@OLIVELAWGROUP.COM	
Correspondent Name:	OLIVE LAW GROUP, PLLC BENTLEY J OLIVE	
Address Line 1:	125 EDINBURGH SOUTH DRIVE	
Address Line 2:	SUITE 220	
Address Line 4:	CARY, NORTH CAROLINA 27511	
ATTORNEY DOCKET NUMBER:	127-48-UTIL	
NAME OF SUBMITTER:	NATHAN P. LETTS	
SIGNATURE:	/NATHAN P. LETTS/	
DATE SIGNED:	01/13/2017	
Total Attachments: 3		
source=127-48-UTIL_2017-01-10_Assignment#page1.tif		
source=127-48-UTIL_2017-01-10_Assignment#page2.tif		
source=127-48-UTIL_2017-01-10_Assignment#page3.tif		

ASSIGNMENT

WHEREAS, I, **Matthew Breen** (hereinafter "Assignors"), have invented certain new and useful improvements in **CHROMOSOMAL ASSESSMENT TO DIFFERENTIATE HISTIOCYTIC MALIGNANCY FROM LYMPHOMA AND HEMANGIOSARCOMA IN DOGS**, for which Application was made on October 14, 2016, as U.S. Application No. 15/304,388, which claims the benefit of International Application Number PCT/US15/25916 filed on April 15, 2015 which claims priority to U.S. Provisional Application No.61/979,775 filed on April 15, 2014.

AND, WHEREAS, **North Carolina State University**, a state-funded university located at 1021 Main Campus Drive, 2nd Floor, Raleigh, North Carolina 27606, (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors have sold and by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, their entire right, title, and interest in and to the invention and application, and in and to any and all foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with their right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this assignment.

Assignors further covenant and agree that, at the time of the execution and delivery of these presents, Assignors possess full title to the invention and application above-mentioned, and that he has the unencumbered right and authority to make this assignment.


Atty. Docket No.: 127-48-UTIL (NCSU Ref.: 13-135)

Assignors further covenant and agree, and likewise bind their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to Assignors relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.


-----Signature page follows-----

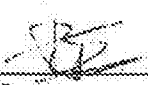
Atty. Docket No.: 127-48-UTIL (NCSU Ref.: 13-135)

Executed this 01 day of Nov, 2016.


Matthew Breen

Witnessed by:

 Jeffrey A. Yoder
Name Date
Nov 1, 2016

 Rachael Thomas
Name Date
11/1/2016
