

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3923103

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SCOTT M. PALMER	07/31/2014
CHI WEI CLIBURN CHAN	08/26/2014
KENT J. WEINHOLD	08/26/2014
LAURIE D. SNYDER	07/31/2014
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<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27705
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15039679
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	5667-00324 DUKE
<b>NAME OF SUBMITTER:</b>	TAMBRYN K. VANHEYNINGEN
<b>SIGNATURE:</b>	/TAMBRYN K. VANHEYNINGEN/
<b>DATE SIGNED:</b>	06/17/2016
<b>Total Attachments: 5</b>	

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## ASSIGNMENT

Pursuant to our obligation to DUKE UNIVERSITY (herein referred to as "Assignee"),  
having its principal place of business at:

2812 Erwin Road, Suite 306  
Box 90083  
Durham, North Carolina 27705

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,  
we:

Scott M. Palmer  
Duke University Medical Center  
Department of Medicine - Pulmonary  
Box 103002  
Durham, NC 27710

Chi Wei Cliburn Chan  
Duke University – Dept. of Statistical Science  
2424 Erwin Road Ste 1102  
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Kent J. Weinhold  
Duke University – Division of Surgical Sciences  
204 Surg Oncol Res Fac  
Durham, NC 27710

Laurie D. Snyder  
Duke University Medical Center  
Department of Medicine - Pulmonary  
Box 103002  
Durham, NC 27710

confirm our obligation to and effective as of November 26, 2013, hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest –

(1) in and to an invention entitled “IMMUNE MONITORING TO PREDICT AND PREVENT INFECTION” for which United States Provisional Patent Application No. 62/014,906 was filed June 20, 2014 (Atty. File No. 5667-00170), which application claims the benefit of United States Provisional Patent Application No. 61/908,890 filed November 26, 2013 (Atty. File No. 5667-00111) (both of which are hereinafter the “United States Provisional Patent Applications);

(2) in and to said United States Provisional Patent Applications, in and to all other patent applications derived from or relating to said United States Provisional Patent Applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues or reexaminations thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and


(4) in and to all applications filed under International Conventions on the invention or claiming priority to the United States Provisional Patent Applications.

We agree that any patent applications with a claim to priority based on said United States Provisional Patent Applications may be filed in the name of Assignee.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed to be necessary, by Assignee, its successors or assigns, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

7/31/14  
Date

  
Scott M. Palmer  
Inventor

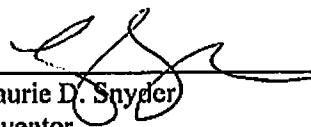
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Date

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Chi Wei Cliburn Chan  
Inventor

\_\_\_\_\_  
Date

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Kent J. Weinhold  
Inventor

7/31/2014  
Date

  
Laurie D. Snyder  
Inventor

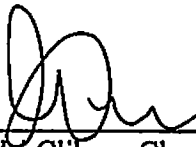
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Date

26 Aug 2014  
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Date

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Scott M. Palmer  
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