

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRUCE A. SULLENGER	07/21/2015
KADY-ANN C. STEEN-BURRELL	07/21/2015
BETHANY POWELL	07/21/2015
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<b>Postal Code:</b>	27705
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16880791
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<b>NAME OF SUBMITTER:</b>	TAMBRYN K. VANHEYNINGEN
<b>SIGNATURE:</b>	/TAMBRYN K. VANHEYNINGEN/
<b>DATE SIGNED:</b>	11/17/2021
<b>Total Attachments: 2</b>	
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source=2015-07-21_5667-00206_Executed_Assignment.pdf#page2.tif	

## ASSIGNMENT

Pursuant to our obligation to DUKE UNIVERSITY (hereinafter 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:

Bruce A. Sullenger  
Division of Surgical Sciences  
Duke University  
Durham, NC, 27710

Kady-Ann C. Steen-Burrell  
Division of Surgical Sciences  
Duke University  
Durham, NC, 27710

Bethany Powell Gray  
Division of Surgical Sciences  
Duke University  
Durham, NC, 27710

confirm our obligation to and effective as of April 28, 2015, hereby sell, assign and convey,  
unto Assignee, its successors and assigns, our entire right, title and interest –

(1) in and to an invention entitled “THROMBI IMAGING APTAMERS AND METHODS OF USING SAME” for which United States Provisional Patent Application No. 62/153,870 was filed April 28, 2015 (Attorney Docket No. 5667-00205) and United States Provisional Patent Application No. 62/157,725 was filed May 6, 2015 (Atty. File No. 5667-00206) (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.

7/21/15  
Date

Bruce A. Sullenger  
Bruce A. Sullenger  
Inventor

July 21, 2015  
Date

K. Steen-Burrell  
Kady-Ann C. Steen-Burrell  
Inventor

July 21, 2015  
Date

Bethany Powell Gray  
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