

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4396977

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
H CHARLES MANNING	04/10/2017
MICHAEL SCHULTE	04/10/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VANDERBILT UNIVERSITY
<b>Street Address:</b>	305 KIRKLAND HALL
<b>Internal Address:</b>	2201 WEST END AVENUE
<b>City:</b>	NASHVILLE
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37240
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15510217
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(615)313-3972
<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>Phone:</b>	615-244-5200
<b>Email:</b>	francine.vanaelst@stites.com
<b>Correspondent Name:</b>	RICHARD S. MYERS, JR.
<b>Address Line 1:</b>	401 COMMERCE STREET
<b>Address Line 2:</b>	SUITE 800
<b>Address Line 4:</b>	NASHVILLE, TENNESSEE 37219
<b>ATTORNEY DOCKET NUMBER:</b>	11672N/15027U
<b>NAME OF SUBMITTER:</b>	FRANCINE M VANAELST
<b>SIGNATURE:</b>	/Francine VanAelst/
<b>DATE SIGNED:</b>	05/03/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 2</b>	
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## COMBINATION ASSIGNMENT-STATEMENT

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION  
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention:	Metabolism Probes for Therapy and Diagnosis
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**DECLARATION**

As a below named inventor I hereby declare that:

- This declaration is directed to:
  - ☐ The attached application, or
  - ☒ United States application or PCT international application number 15/510,217 filed on March 9, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

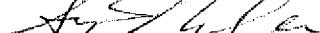
**ASSIGNMENT**

WHEREAS, **Vanderbilt University** having an office and place of business at **305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA**, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

**LEGAL NAME OF INVENTOR**Inventor: H. Charles ManningDate: 4 / 10Signature: Witness: Suzanne M. AtonDate: 4/10/17Signature: 

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AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

**LEGAL NAME OF INVENTOR**

Inventor: Michael Schulte

Date:

4/10/17

Signature:

Witness: Suzanne M. Quon

Date:

4/10/17

Signature:

11672N:15027U:1214870:1:NASHVILLE

**PATENT****RECORDED: 05/03/2017****REEL: 042229 FRAME: 0052**