

## 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>
DOUGLAS B. STAIRS	10/07/2016
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	19104
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8592206
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<b>ATTORNEY DOCKET NUMBER:</b>	1070-P04455US03
<b>NAME OF SUBMITTER:</b>	KATHLEEN D. RIGAUT, PH.D.
<b>SIGNATURE:</b>	/Kathleen D. Rigaut/
<b>DATE SIGNED:</b>	10/12/2016
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, I, **Douglas B. Stairs**, hereinafter referred to as ASSIGNOR, is a named inventor of an invention described and claimed in U.S. Patent No. 8,592,206, issued November 26, 2013, entitled **CULTURE BASED SCREENING ASSAY AND METHODS OF USE THEREOF TO IDENTIFY AGENTS WHICH MODULATE TUMOR DEVELOPMENT, INVASION AND DIFFERENTIATION; AND COMPOSITIONS AND METHODS FOR DELIVERY OF BIOENCAPSULATED PROTEINS ACROSS BLOOD-BRAIN AND RETINAL BARRIERS**, which is a continuation-in-part of International Patent Application No. PCT/US2008/081967, filed with the U.S. Patent and Trademark Office on October 31, 2008, which claims the benefit of U.S. Provisional Application No. 60/984,190, filed with the U.S. Patent and Trademark Office on October 31, 2007.

WHEREAS, **The Trustees of the University of Pennsylvania**, a university of higher education organized and existing under and by virtue of the laws of the State of Pennsylvania, having a place of business at 3160 Chestnut Street, Suite 200, Philadelphia, Pennsylvania 19104 (hereinafter referred to as ASSIGNEE) is desirous of acquiring all of ASSIGNOR'S exclusive right, title and interest in the aforementioned invention, patent applications and to any Letters Patent that may be granted thereon in the United States of America and on any corresponding national or regional stage application filed in any and all foreign jurisdictions;

NOW, THEREFORE, THIS IS TO WITNESS THAT in exchange for the payment to ASSIGNOR by ASSIGNEE of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over and do hereby sell, assign and set over unto ASSIGNEE, in and throughout the United States of America, its territories and all foreign countries, all of ASSIGNOR'S exclusive right, title and interest in and to the aforementioned patent applications, invention described and/or claimed therein and any improvements thereof, and to all Letters Patent or similar legal protection, not only in the United States and its territorial possessions, but in all jurisdictions foreign thereto, to be obtained for said invention(s) based on said applications, by any prior or subsequent corresponding or related applications, or by any continuation, division, renewal, substitute, extension or reissue thereof, or any legal equivalent thereof in a foreign jurisdiction, including all priority rights under the International Convention, the same to be held and enjoyed by ASSIGNEE to the full end of the term or terms for which any said Letters Patent may be granted, extended or reissued, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, and any of them, had this assignment, sale and transfer not been made.

ASSIGNOR hereby authorizes and requests the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign patent granting agencies to issue any and all of said Letters Patent, when granted, to the ASSIGNEE and as owner of the exclusive right, title and interest in and to said Letters Patent in accordance with this Assignment;

ASSIGNOR hereby covenants and agrees that he has full right to convey his entire interest herein assigned, and that he has not executed and will not execute any agreement in conflict herewith.

ASSIGNOR further covenants and agrees to communicate to ASSIGNEE or its representatives any facts known to them respecting said application and invention, to testify in any legal proceedings related thereto, sign all lawful papers, to execute all divisional,

continuation, substitute, renewal, extension, and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths, declarations or affidavits and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said invention in the United States of America and in any and all foreign jurisdictions; and

ASSIGNOR further covenants and agrees that the terms, covenants and conditions of this Assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs and legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Full name of first inventor: **Douglas B. Stairs**

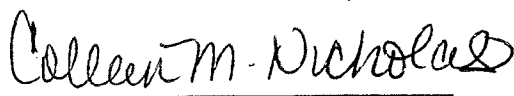
Signature 

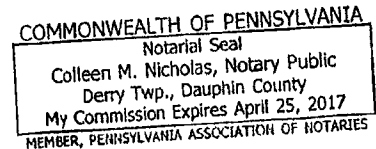
Date: 10/7/16

STATE OF Pennsylvania

COUNTY OF Dauphin

On this 7<sup>th</sup> day of October, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared Douglas B. Stairs to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instruction as his/her free and voluntary act and for the uses and purposes therein expressed.

  
Notary Public



**STATEMENT OF WITNESS**

SIGNED at Hershey, PA USA  
(City) (Country)

This 7<sup>th</sup> day of October, 2016

I, Mary K Forshey, whose full residence address is  
166 N Fairville Ave Harrisburg, PA 17112 was personally present and did see  
Douglas B Stairs execute the above assignment on the 7<sup>th</sup> day of  
October, 2016 and such assignor is personally known to me to be the person  
described in such document

Mary K Forshey  
Signature of Witness