

## 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>
	JONINE FIGUEROA	01/14/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	
<b>Street Address:</b>	OFFICE OF TECHNOLOGY TRANSFER, NATIONAL INSTITUTES OF HEALTH	
<b>Internal Address:</b>	6011 EXECUTIVE BOULEVARD, SUITE 325, MSC 7660	
<b>City:</b>	BETHESDA	
<b>State/Country:</b>	MARYLAND	
<b>Postal Code:</b>	20892-7660	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	17940883
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
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<b>ATTORNEY DOCKET NUMBER:</b>	112624-01369	
<b>NAME OF SUBMITTER:</b>	INEZ SUMNER	
<b>SIGNATURE:</b>	/Inez Sumner/	
<b>DATE SIGNED:</b>	01/04/2024	
<b>Total Attachments: 2</b>		
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**ASSIGNMENT FOR NIH/FDA INVENTIONS  
(NIH OR FDA CO-INVENTORS ONLY)**

**WHEREAS**, I, Jonine Figueroa, an employee of the National Institutes of Health, a component of the United States Department of Health and Human Services having an address at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660, [hereinafter **The NIH Inventor**], along with Joshua Labaer, Jie Wang, Ji Qiu, Garrick Wallstrom, Karen Anderson, and Jin Park [Inventors] have made certain inventions as described and claimed in the International PCT Application having Serial Number PCT/US15/64792, filed December 9, 2015, and which is entitled "Plasma Autoantibody Biomarkers for Basal Like Breast Cancer" ("Application") and;

**WHEREAS**, I/we are the inventor(s) named in the above-identified Application; and

**WHEREAS**, with respect to the **NIH Inventor** the inventions described and claimed therein were made under conditions such as to entitle **THE UNITED STATES OF AMERICA, as represented by the Secretary, Department of Health and Human Services** [hereinafter **THE GOVERNMENT**] under Executive Order 10096 and its amendments, 35 USC §§200-201, §§206-207, and §210 and 37 CFR Part 501 to the entire right, title, and interest in such inventions; and

**WHEREAS, THE GOVERNMENT** is desirous of acquiring all domestic and foreign right, title, and interest in the inventions described and claimed in the Application; and

**NOW, THEREFORE**, the **NIH Inventor** having the legal obligation to assign my/our right, title and interest in the inventions described and claimed in the above-identified patent application to **THE GOVERNMENT**, having a place of business at the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, MD 20892-7660 and for consideration, the receipt and sufficiency of which are hereby acknowledged, I/we hereby assign and transfer to **THE GOVERNMENT**:

the entire right, title, and interest in and to any and all inventions described and claimed in said Application and any and all Letters Patent which may be granted thereon, and any and all continuations, divisions, reissues or extensions thereof; and


all rights to claim priority on the basis of said Application including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all applications for Letters Patent that may be filed for any and all inventions described and claimed in said Application that may be filed in any foreign country and all Letters Patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such Letters Patents as may be granted in the United States or any foreign country to be held by **THE GOVERNMENT** to the end of the term for which the same would have been held by the inventors had this assignment not been made.

I/we further agree to make, execute, and deliver to **THE GOVERNMENT**, upon request, any and all papers, documents, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for improvements or reissues of Letters Patent, and to assist **THE GOVERNMENT** in every way as may be requested in protecting said invention. **THE GOVERNMENT** promises to pay any reasonable expenses incurred by **The Inventors** in making, executing and delivering of such papers to **THE GOVERNMENT**.

IN WITNESS WHEREOF we subscribe our hands and seals on the dates shown below:

<b>Inventor 1:</b>	
<u>1/14/16</u> Date	 _____ Jonine Figueroa
County of _____ Ss: _____	
State of _____	
Subscribed and sworn to before me this ____ day of _____, ____.	
[Seal]	_____ Notary Public for _____ My Commission Expires: _____