

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3533426

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAN A. BUZATU	09/09/2015
RANDAL K. TUCKER	09/15/2015
JON G. WILKES	09/10/2015
<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>	6011 EXECUTIVE BOULEVARD
<b>Internal Address:</b>	SUITE 325 MSC 7660
<b>City:</b>	# BETHESDA
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20892-7660
<b>PROPERTY NUMBERS Total: 5</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	61089387
Application Number:	13059224
Application Number:	14226194
Application Number:	14226476
Application Number:	14226507
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(832)900-4941
<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>	7134263923
<b>Email:</b>	bwilliams@rameyfirm.com
<b>Correspondent Name:</b>	ELIZABETH WILLIAMS
<b>Address Line 1:</b>	5020 MONTROSE BLVD.
<b>Address Line 2:</b>	SUITE 750
<b>Address Line 4:</b>	HOUSTON, TEXAS 77006
<b>ATTORNEY DOCKET NUMBER:</b>	20203.0002.PCUS00
<b>NAME OF SUBMITTER:</b>	ELIZABETH WILLIAMS

<b>SIGNATURE:</b>	/ELIZABETH WILLIAMS/
<b>DATE SIGNED:</b>	09/18/2015
<b>Total Attachments: 6</b> source=Executed_Buzatu_ASN#page1.tif source=Executed_Buzatu_ASN#page2.tif source=Executed_Tucker_ASN#page1.tif source=Executed_Tucker_ASN#page2.tif source=Executed_Wilkes_ASN#page1.tif source=Executed_Wilkes_ASN#page2.tif	

## ASSIGNMENT

**WHEREAS**, I, Dan A. Buzatu, 927 Red Oak Circle, Benton, Arkansas 72019, US, an employee of the Food and Drug Administration, am employed by 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, and have made certain inventions as described and claimed in:

PZ Application No. 61/089,387; Filed August 15, 2008

Entitled: Flow Cytometry Based Systems And Methods For Detection

WO Application No. PCT/US09/54071; Filed August 17, 2009

Entitled: Flow Cytometry Based Systems And Methods For Detection

EP Application No. 09807424.8; Filed August 17, 2009

Entitled: Flow Cytometry Based Systems And Methods For Detection

CA Application No. 2,734,321; Filed August 17, 2009

Entitled: Flow Cytometry Based Systems And Methods For Detection

AU Application No. 2009281729; Filed August 17, 2009

Entitled: Flow Cytometry Based Systems And Methods For Detection

US Application No. 13/059,224; Filed May 26, 2011

Entitled: Flow Cytometry Based Systems And Methods For Detecting Microbes

US Application No. 14/226,194; Filed March 26, 2014

Entitled: Flow Cytometry Based Systems And Methods For Detecting Microbes

US Application No. 14/226,476; Filed March 26, 2014

Entitled: Flow Cytometry Based Systems And Methods For Detecting Microbes

US Application No. 14/226,507; Filed March 26, 2014

Entitled: Flow Cytometry Based Systems And Methods For Detecting Microbes

which applications are referred to herein as "**The Patent Applications**"; and

**WHEREAS**, I am an inventor named in **The Patent Applications**; and

**WHEREAS**, the inventions described and claimed in **The Patent Applications** 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 U.S.C. §§200-201, §§206-207, and §210 and 37 C.F.R. 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 Patent Applications**;

**NOW, THEREFORE**, having the legal obligation to assign my right, title and interest in the inventions described and claimed in **The Patent Applications** to **THE GOVERNMENT**, and for consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign and transfer to **THE GOVERNMENT**:

the entire right, title, and interest in and to any and all inventions described and claimed in **The Patent Applications**; and

any and all patents 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 **The Patent Applications** including but not limited to applications filed through the provisions of the Patent Cooperation Treaty ("PCT Applications"); and

all patent applications that may be filed for any and all inventions described and claimed in **The Patent Applications** that may be filed in any foreign country and all patents that may be granted thereon in any foreign country and all extensions, renewals, and reissues thereof; and

any and all such 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 me had this assignment not been made.

I 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 patents, and to assist **THE GOVERNMENT** in every reasonable way as may be requested in protecting said invention.

**IN WITNESS WHEREOF** I subscribe my hand and seal on the date shown below:

Inventor:

Date Sept. 9, 2015 Dan A. Buzatu  
Dan A. Buzatu

County of Jefferson  
State of Arkansas

Subscribed and sworn to before me this 9th day of September, 2015.

Seal



Notary Signature: Kelene Brooks

Notary Public for the State of: Arkansas

My Commission Expires: 10/24/2016

**ASSIGNMENT**

**WHEREAS**, I, Randal K. Tucker, 1633 Matt Lane, Hensley, Arkansas, 72065, US, an employee of the Food and Drug Administration, am employed by 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, and have made certain inventions as described and claimed in:

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IN WITNESS WHEREOF I subscribe my hand and seal on the date shown below:

Inventor:

Date 9/15/2015

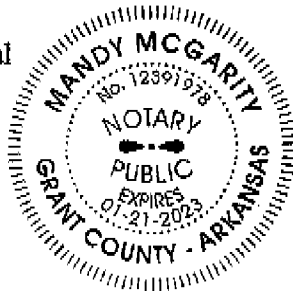
Randal K. Tucker  
Randal K. Tucker

County of Grant

State of Arkansas

Subscribed and sworn to before me this 15th day of September, 2015.

Seal



Notary Signature: Mandy McGarity

Notary Public for the State of: Arkansas

My Commission Expires: 01/21/2023

## ASSIGNMENT

**WHEREAS**, I, Jon G. Wilkes, 5001 Lee Avenue, Little Rock, Arkansas 72205, US, an employee of the Food and Drug Administration, am employed by 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, and have made certain inventions as described and claimed in:

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Inventor:

Date 9-10-15

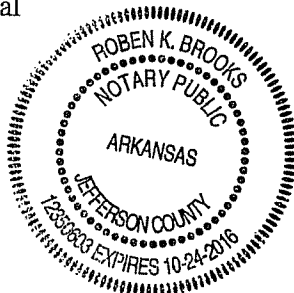
Jon G. Wilkes  
Jon G. Wilkes

County of Jefferson

State of Arkansas

Subscribed and sworn to before me this 10<sup>th</sup> day of September, 2015.

Seal



Notary Signature: Kelene Brooks

Notary Public for the State of: Arkansas

My Commission Expires: 10/24/2016