

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
AARON L WASHINGTON II	01/05/2012
MARTINE C DUFF	01/05/2012
LUCILE C TEAGUE	01/05/2012
<b>RECEIVING PARTY DATA</b>	
Name:	SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
Street Address:	BUILDING 773-41-A
Internal Address:	ROOM 227
City:	AIKEN
State/Country:	SOUTH CAROLINA
Postal Code:	29808
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13359730
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	J. BENNETT MULLINAX, LLC
Address Line 1:	P. O. BOX 26029
Address Line 4:	GREENVILLE, SOUTH CAROLINA 29616-1029
ATTORNEY DOCKET NUMBER:	WSR-199 SRS 10-036
NAME OF SUBMITTER:	J. Bennett Mullinax
Total Attachments: 3 source=wsr199wsrass#page1.tif source=wsr199wsrass#page2.tif source=wsr199wsrass#page3.tif	

**CH \$40.00 13359730**

RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Aaron L. Washington, II  
Martine C. Duff  
Lucile C. Teague

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Savannah River Nuclear Solutions, LLC

Internal Address: \_\_\_\_\_

Street Address: Building 773-41-A, Room 227

City: Aiken

State: South Carolina

Country: USA Zip: 29808

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 1/5/2012

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: J. Bennett Mullinax

J. Bennett Mullinax, LLC

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

P O Box 26029

City: Greenville

State: SC Zip: 29616-1029

Phone Number: 864 987 9696

Fax Number: 864 987 9686

Email Address: docketing@mullinaxpatent.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00** \_\_\_\_\_

- Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 50-3172

Authorized User Name J. Bennett Mullinax, LLC

**9. Signature:** J. B. Mull \_\_\_\_\_

Signature

January 27, 2012  
Date

J. Bennett Mullinax

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I/WE, **Aaron L. Washington, II**, a citizen of the United States of America, having a residential address of **5058 Fairfield Court, Aiken, SC 29801**; **Martine C. Duff**, a citizen of the United States of America, having a residential address of **1260 Evans Road, Aiken, SC 29803**; and **Lucile C. Teague**, a citizen of the United States of America, having a residential address of **2123 Lavender Lane, Aiken, SC 29803** have invented certain improvements in an invention entitled: **MODIFICATION OF SOLID STATE CdZnTe (CZT) RADIATION DETECTORS WITH HIGH SENSITIVITY OR HIGH RESOLUTION OPERATION** by and for which a patent is sought.

WHEREAS, Savannah River Nuclear Solutions, LLC, having a mailing address of Office of General Counsel, Building 773-41A, Room 227, Aiken, SC 29808, desires to acquire the entire right, title and interest in the same.

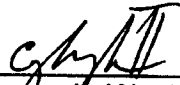
NOW, THEREFORE, for good and valuable consideration, which includes the wages, salary and other employee benefits in compensation for my/our employment with Savannah River Nuclear Solutions, LLC, the receipt and sufficiency of which is acknowledged, I/we, assign and transfer unto Savannah River Nuclear Solutions, LLC, the exclusive right, title and interest in the United States and the world in and to the invention; the above identified application; any patent which may issue on the application; and, for either the application or patent, any renewal, reissue, division, continuation, or continuation-in-part, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee and do hereby authorize Assignee or its designee to insert here the  
*Application No.* \_\_\_\_\_ *Filing Date* \_\_\_\_\_  
*in the country* \_\_\_\_\_ on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries.

We bind ourselves, our heirs, legal representatives, administrators and assigns to properly execute without further consideration, any and all applications, petitions,

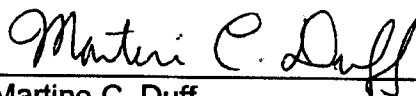
oaths and assignments, or other papers and instruments, which may be necessary in order to carry into full force and effect this assignment and transfer made or intended to be made.

We do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and We do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent Application No. \_\_\_\_\_ Filing Date \_\_\_\_\_ in the country \_\_\_\_\_ to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. We authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that We have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Date 1/5/2012

  
Aaron L. Washington, II

Date 1/5/12

  
Martine C. Duff

Date 1/5/2012

  
Lucile C. Teague