# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Ragaiy Zidan	12/06/2011
Douglas A. Knight	12/07/2011
Long V. Dinh	12/07/2011

### **RECEIVING PARTY DATA**

Name:	Savannah River Nuclear Solutions, LLC
Street Address:	Office of General Counsel
Internal Address:	Building 773-41-A, Room 227
City:	Aiken
State/Country:	SOUTH CAROLINA
Postal Code:	29808

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13313472

### **CORRESPONDENCE DATA**

**Fax Number**: (864)987-9686 **Phone**: 864-987-9696

Email: docketing@mullinaxpatent.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

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-183

NAME OF SUBMITTER: J. Bennett Mullinax

Total Attachments: 7

PATENT REEL: 027335 FRAME: 0772 DP \$40.00 13313472

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PATENT REEL: 027335 FRAME: 0773

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.		
Name of conveying party(ies)     Ragaiy Zidan     Douglas A. Knight     Long V. Dinh	2. Name and address of receiving party(ies)  Name: Savannah River Nuclear Solutions, LLC  Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 12/7/2011	Street Address: Building 773-41-A, Room 227	
X Assignment	City: Aiken  State: South Carolina  Country: USA Zip:29808 Additional name(s) & address(es) attached? Yes X No	
4. Application or patent number(s):  A. Patent Application No.(s)  Additional numbers attached?  Yes  No		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: J. Bennett Mullinax  J. Bennett Mullinax, LLC  Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  Authorized to be charged to deposit account  Enclosed	
Street Address:	None required (government interest not affecting title)  8. Payment Information	
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	Deposit Account Number <u>50-3172</u> Authorized User Name <u>J. Bennett Mullinax</u>	
9. Signature:  Signature  J. Bennett Mullinax  Name of Person Signing	December 7, 2011  Date  Total number of pages including cover sheet, attachments, and documents:  7	

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

ATTORNEY DOCKET NO.: WSR-183 (SRS-10-034)

### ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I/WE, Ragaiy Zidan, a citizen of the United States of America, having a residential address of 255 Springwood Drive, Aiken, SC 29803; Douglas A. Knight, a citizen of the United States of America, having a residential address of 971 Dougherty Road, Aiken, SC 29803; and Long V. Dinh, a citizen of the United States of America, having a residential address 2 Ridge Run SE, Apt. I, Marietta, GA 30067, have invented certain improvements in an invention entitled: Novel Methods for Synthesizing Alane and Similar Compounds without the Formation of Adducts and Free of Halides 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. 61/420,503 Filing Date December 7, 2010 in the country United States 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

Page 1 of 2

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 <u>in</u>	sert here any corresponding equivalent	
Application No	Filing Date	
n the country		
to the above Priority application of any country	where that country's patent property	
must be identified and entered hereinabove fo	r recordal of this Assignment. We	
authorize Assignee or its designee to translate	e this Assignment into all languages	
necessary; and we request that any such Lette	ers 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.		
	4.	
Date: 12/06/2011	Ragaiy Zidan	
12/00/2011	Ragaiy Zidan	
Date:		
	Douglas A. Knight	
_		
Date:	Long V. Dinh	

ATTORNEY DOCKET NO.: WSR-183 (SRS-10-034)

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invention or the patent or patents thereon, and	to execute for any and all countries any	
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above identified application as Assignee may r	equest; and We do hereby authorize	
Assignee or its designee (or nominee(s)) to ins		
Application No. 61/420,503	_ Filing Date <u>/ / / / / / / / / / / / / / / / / / / </u>	
in the country <u>United States</u>	: <b>/</b> /	
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 gra	ant, license, or other right heretofore	
given.		
Data		
Date:	Ragaiy Zidan	
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Date: 12/7/2011	House Knight	
	Douglas A. Knight / A	
Date:	Long V. Dinh	
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given.		
Date:		
	Ragaiy Zidan	
Date:		
	Douglas A. Knight	
Date: 12 07 2011	land Din the	
Date: 1201	Long V. Dinh	