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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PART	Y DATA			
		Name	Execution Date	
David Smith			11/24/2008	
Michael DeFilippis			11/21/2008	
Gerald A. Luciano			11/24/2008	
Michael Kiernan			11/24/2008	
Carlton Clark			11/24/2008	
Andrew K. Langsto	n		11/24/2008	
	···			
RECEIVING PARTY	Y DATA			
Name:	Global Nuclear Fuel - Americas, LLC			
Street Address: 3901 Castle Hayne		Hayne Road		
City: Wilmington State/Country: NORTH CAROLINA				
Postal Code:				
PROPERTY NUMB	ERS Total: 1			
Property	Туре	Num	ber	
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Property Application Numbe	er:		ber	
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Property	CE DATA	12323739	ber	
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Property Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2:	CE DATA (703)816 <i>ill be sent via US</i> 703-816 glf@nixc ne: Jeffry H. 901 NOF	12323739 5-4100 <i>Mail when the fax attempt is unsucces.</i> -4000 onvan.com Nelson		
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1:	CE DATA (703)816 <i>ill be sent via US</i> 703-816 glf@nixc ne: Jeffry H. 901 NOF NIXON 8	12323739 6-4100 <i>Mail when the fax attempt is unsucces</i> -4000 onvan.com Nelson RTH GLEBE ROAD, 11TH FLOOR		
Property Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2:	CE DATA (703)816 ill be sent via US 703-816 glf@nixc ne: Jeffry H. 901 NOF NIXON & ARLING	12323739 5-4100 <i>Mail when the fax attempt is unsucces</i> -4000 onvan.com Nelson RTH GLEBE ROAD, 11TH FLOOR & VANDERHYE P.C.		
Property Application Number CORRESPONDENC Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nan Address Line 1: Address Line 2: Address Line 4:	CE DATA (703)816 ill be sent via US 703-816 glf@nixc ne: Jeffry H. 901 NOF NIXON & ARLING	12323739 5-4100 <i>Mail when the fax attempt is unsucces</i> -4000 onvan.com Nelson RTH GLEBE ROAD, 11TH FLOOR & VANDERHYE P.C. TON, VIRGINIA 22203		

NAME OF SUBMITTER:	Jeffry H. Nelson			
Total Attachments: 7				
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ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we, David Smith, Michael DeFilippis, Gerald A. Luciano, Michael Kiernan, Carlton Clark, and Andrew K. Langston, of 125 Belvedere Court, Leland, North Carolina 28451; 729 Winery Way, Wilmington, North Carolina 28411; 1205 Beeston Court, Wilmington, North Carolina28411; 104 Forest Hills Drive, Wilmington, North Carolina28403; 417 Lynette Drive, Wilmington, North Carolina 28402; and 201 Long Meadow Drive, Wilmington, North Carolina 28412, hereby sell and assign to Global Nuclear Fuel – Americas, LLC, limited liability corporation of Delaware, having an address at 3901 Castle Hayne Road, Wilmington, NC 28401 (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled METHOD AND APPARATUS TO SHIELD A NUCLEAR FUEL ASSEMBLY WITH REMOVABLE DEBRIS SHIELD IN **UPPER TIE PLATE (GE Disclosure Letter 221593-6)** for which the inventor declaration was signed in conjunction with this application.

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation,

221593-6

reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

David Smith

//. 24.08 Date

Notary Public

10-27-2013

STATE OF NORTH CAROLINA)

ss):

COUNTY OF NEW HANOVER)

This $\underline{\Im}^{\mu}$ day of November, 2008, before me personally came the above-named, David Smith, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires:



1407526

PATENT REEL: 021895 FRAME: 0046

Michael DeFilippis

2008 Date

ss);

COUNTY OF NEW HANOVER)

This $21^{S^{r}}$ day of November, 2008, before me personally came the above-named, Michael DeFilippis, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Melody K N Notary Public 10-27-2013

My Commission Expires:



PATENT REEL: 021895 FRAME: 0047

Gerald A. Luciano

ss):

COUNTY OF NEW HANOVER)

This 244^{H} day of November, 2008, before me personally came the above-named, Gerald A. Luciano, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Mchody K. Ju Notary Public 10-27-2013 My Commission Expires:



1407526

PATENT REEL: 021895 FRAME: 0048

mi chael Kiernan

11/24/2008 Date

ss):

COUNTY OF NEW HANOVER)

This $\underline{-4}$ day of November, 2008, before me personally came the above-named, Michael Kiernan, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public 10-27-2013 My Commission Expires:



REEL: 021895 FRAME: 0049

Cantta

ss):

COUNTY OF NEW HANOVER)

This $\underline{\mathcal{H}}^{\mu}$ day of November, 2008, before me personally came the above-named, Carlton Clark, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

My Commission Expires:

Yfelod

Notary Public 10-27-2013



1407526

Andrew K. Langston

11/2.

ss):

COUNTY OF NEW HANOVER)

This $\underline{\partial} \forall^{\star}$ day of November, 2008, before me personally came the above-named, Andrew K. Langston, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public

10-27-2013

My Commission Expires:



1407526 PATENT REEL: 021895 FRAME: 0051

RECORDED: 11/26/2008