

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Birol Aktas</td><td>01/02/2007</td></tr><tr><td>Carlton W. Clark</td><td>12/21/2006</td></tr><tr><td>William Earl Russell II</td><td>12/22/2006</td></tr></tbody></table>		Name	Execution Date	Birol Aktas	01/02/2007	Carlton W. Clark	12/21/2006	William Earl Russell II	12/22/2006				
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Global Nuclear Fuel-Americas, LLC</td></tr><tr><td>Street Address:</td><td>3901 Castle Hayne Road</td></tr><tr><td>Internal Address:</td><td>M/C A11</td></tr><tr><td>City:</td><td>Wilmington</td></tr><tr><td>State/Country:</td><td>NORTH CAROLINA</td></tr><tr><td>Postal Code:</td><td>28401</td></tr></table>		Name:	Global Nuclear Fuel-Americas, LLC	Street Address:	3901 Castle Hayne Road	Internal Address:	M/C A11	City:	Wilmington	State/Country:	NORTH CAROLINA	Postal Code:	28401
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11644485</td></tr></tbody></table>		Property Type	Number	Application Number:	11644485								
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Application Number:	11644485												
CORRESPONDENCE DATA													
Fax Number: (703)668-8200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 4: Reston, VIRGINIA 20190													
ATTORNEY DOCKET NUMBER:	8564-000119												
NAME OF SUBMITTER:	David L. Howard												
Total Attachments: 3 source=214042-1_Assignment#page1.tif													

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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, Birol Aktas of 709 Royal Bonnet Drive, Wilmington, NC 28405, Carlton W. Clark of 417 Lynette Drive, Wilmington, NC 28409 and William Earl Russell, II of 1044 Arboretum Drive, Wilmington, NC 28405, hereby sell and assign to Global Nuclear Fuel – Americas, LLC, a Delaware Limited Liability Company, (hereinafter referred to as “Company”), having an address at 3901 Castle Hayne Road, M/C A11, Wilmington, NC 28401, USA, (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

CONTROL ROD GUIDE TUBE AND METHOD FOR PROVIDING COOLANT TO A NUCLEAR REACTOR FUEL ASSEMBLY

signed as of even date, 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, I/we will communicate to said Company or its representatives or nominees any facts known to me/us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, 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.

Inventor 1:

BA

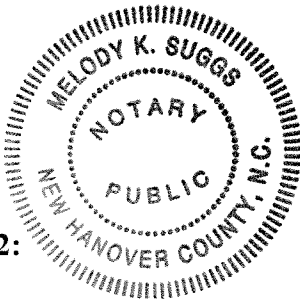
Birol AKTAS

Date: 11/2/2007

State of North Carolina
County of New Hanover

This 2nd day of January, 2007, before me personally came the above named Birol Aktas, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Melody K. Suggs
(Notary Public)

Inventor 2:

My Commission Expires: 10-27-2008

Carlton W. Clark

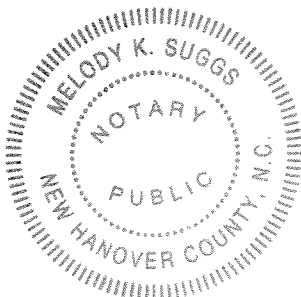
Carlton W. Clark

Date: 12/21/06

State of North Carolina
County of New Hanover

This 21st day of December, 2006, before me personally came the above named Carlton W. Clark, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Melody K. Suggs
(Notary Public)

My Commission Expires: 10-27-2008

Inventor 3:

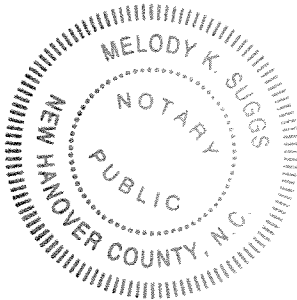
William Earl Russell, II
William Earl Russell, II

Date: 12/22/2006

State of North Carolina
County of New Hanover

This 22nd day of December, 2006, before me personally came the above named William Earl Russell, II, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Melody K. Suggs
(Notary Public)

My Commission expires: 10-27-2008

Global Nuclear Fuel – Americas, LLC
3901 Castle Hayne Road
Wilmington, NC 28401