

PATENT ASSIGNMENT

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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>Gregory J Pearson</td> <td>06/15/2012</td> </tr> <tr> <td>Atul A Karve</td> <td>06/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gregory J Pearson	06/15/2012	Atul A Karve	06/15/2012				
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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>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	City:	Wilmington	State/Country:	NORTH CAROLINA	Postal Code:	28401
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (571)732-1878</p> <p>Phone: 571 335-7300</p> <p>Email: office@alleylegal.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Ryan Alley Intellectual Property Law</p> <p>Address Line 1: P.O. Box 3698</p> <p>Address Line 4: Arlington, VIRGINIA 22203</p>											
ATTORNEY DOCKET NUMBER:	5.0018.1 (24GA259136)										
NAME OF SUBMITTER:	Ryan E Alley										
<p>Total Attachments: 2</p> <p>source=2012-06-15 Assignment#page1.tif</p> <p>source=2012-06-15 Assignment#page2.tif</p>											

OP \$40.00 13531514

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 I/we acknowledge receipt, I/we, **Gregory J. Pearson** of Wilmington, NC, and **Atul A. Karve** of Wilmington, NC hereby sell and assign to **Global Nuclear Fuel – Americas, LLC**, 3901 Castle Hayne Road, Wilmington, NC 28401 (hereinafter referred to as "Company"), its successors and assigns the entire right, title and interest in and to the invention and improvements invented and originated by me/us and described in the application for United States Patent currently entitled **NUCLEAR REACTOR CORE LOADING AND OPERATION STRATEGIES**.

☒ signed as of even date,

☐ signed as of [date], or

☐ filed on _____ having Serial Number _____

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.

First Inventor: **Gregory J. Pearson**Gregory J. Pearson Date: 6/15/2012

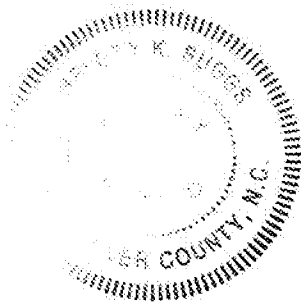
State of North Carolina

County of New Hanover

This 15th day of June, 2012, before me personally came the above named Gregory J. Pearson, 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.

Seal

Melody K. Suggs
(Notary Public)

My commission expires: 10-27-2013Second Inventor: **Atul A. Karve**Atul A. Karve Date: 6/15/2012

State of North Carolina

County of New Hanover

This 15th day of June, 2012, before me personally came the above named Atul A. Karve, 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.

Seal

Melody K. Suggs
(Notary Public)

My commission expires: 10-27-2013