

## 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>Eric P. Loewen</td> <td>05/04/2012</td> </tr> <tr> <td>Jordan E. Hagaman</td> <td>05/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Eric P. Loewen	05/04/2012	Jordan E. Hagaman	05/04/2012
Name	Execution Date						
Eric P. Loewen	05/04/2012						
Jordan E. Hagaman	05/04/2012						
RECEIVING PARTY DATA							
Name:	GE-Hitachi Nuclear Energy Americas, LLC						
Street Address:	3901 Castle Hayne Road						
City:	Wilmington						
State/Country:	NORTH CAROLINA						
Postal Code:	28401						
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>13469846</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13469846		
Property Type	Number						
Application Number:	13469846						
CORRESPONDENCE DATA							
Fax Number:	(703)668-8200						
Phone:	703-668-8000						
Email:	dcmailroom@hdp.com						
<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:	HARNESS, DICKEY & PIERCE, P.L.C.						
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Address Line 4:	RESTON, VIRGINIA 20195						
ATTORNEY DOCKET NUMBER:	24AR256506 / 8564-000270						
NAME OF SUBMITTER:	Gary D. Yacura						
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

CH \$40.00 13469846

PATENT

**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/I acknowledge receipt, we; Eric P. LOEWEN of Wilmington, NC and Jordan E. HAGAMAN of Wilmington NC, hereby sell and assign to GE-Hitachi Nuclear Energy Americas, LLC, 3901 Castle Hayne Road, Wilmington, North Carolina 28401, a Delaware Limited Liability Corporation, (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 us and described in the application for United States Patent currently entitled

**SYSTEM AND METHOD FOR A COMMERCIAL SPENT NUCLEAR FUEL REPOSITORY TURNING HEAT AND GAMMA RADIATION INTO VALUE**

- signed as of even date,
- signed as of [date], or
- filed on [Date] 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, we will communicate to said Company or its representatives or nominees any facts known to me 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.

Eric P. LOEWEN  
Eric P. Loewen

Date: 04 MAY 12

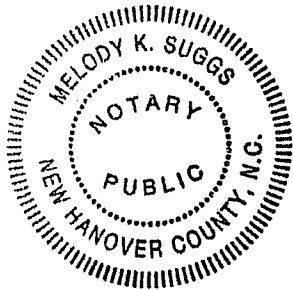
State of North Carolina

County of New Hanover

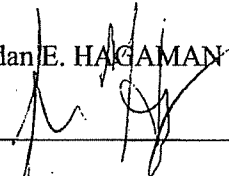
This 4<sup>th</sup> day of May, 2012, before me personally came the above-named Eric P. LOEWEN, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

Melody K. Suggs  
(Notary Public)



My commission expires: 10-27-13

Jordan E. HAGAMAN  
  
\_\_\_\_\_

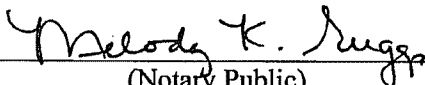
Date: MAY 4 2012

State of North Carolina

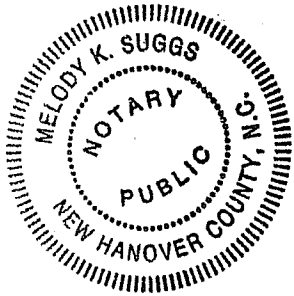
County of New Hanover

This 4<sup>th</sup> day of May, 2012, before me personally came the above-named Jordan E. HAGAMAN, 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

  
\_\_\_\_\_  
(Notary Public)

My commission expires: 10-27-13



GE-Hitachi Nuclear Energy Americas, LLC  
3901 Castle Hayne Road  
Wilmington, NC 28401

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