

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>04/23/2012</td> </tr> <tr> <td>Jordan E. Hagaman</td> <td>04/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Eric P. Loewen	04/23/2012	Jordan E. Hagaman	04/30/2012				
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Eric P. Loewen	04/23/2012										
Jordan E. Hagaman	04/30/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>GE-Hitachi Nuclear Energy 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:	GE-Hitachi Nuclear Energy 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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13340145</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13340145						
Property Type	Number										
Application Number:	13340145										
CORRESPONDENCE DATA											
Fax Number:	(703)668-8200										
Phone:	7036688000										
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.										
Address Line 1:	P.O. Box 8910										
Address Line 4:	Reston, VIRGINIA 20195										
ATTORNEY DOCKET NUMBER:	24BR256505 (8564-00271US)										
NAME OF SUBMITTER:	Gary D. Yacura										
<p>Total Attachments: 3 source=24BR256505_Assignment_09May2012#page1.tif source=24BR256505_Assignment_09May2012#page2.tif source=24BR256505_Assignment_09May2012#page3.tif</p>											

CH \$40.00 13340145

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 I/we acknowledge receipt, I/we, **Eric P. Loewen** of Wilmington, NC, **Jordan E. Hagaman** of Wilmington, NC, hereby sell and assign to **GE-Hitachi Nuclear Energy 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 **VAPOR FORMING APPARATUS, SYSTEM AND METHOD FOR PRODUCING VAPOR FROM RADIOACTIVE DECAY MATERIAL.**

signed as of even date,

signed as of [date], or

filed on December 29, 2011 having Serial Number 13/340,145

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: **Eric P. Loewen**

Eric Loewen Date: 23 APR 12

State of North Carolina

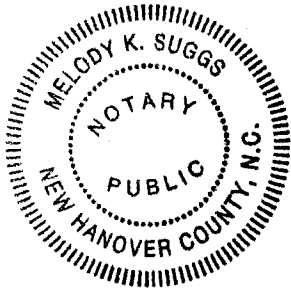
County of New Hanover

This 23rd day of April, 2012, before me personally came the above named Eric P. Loewen, 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.

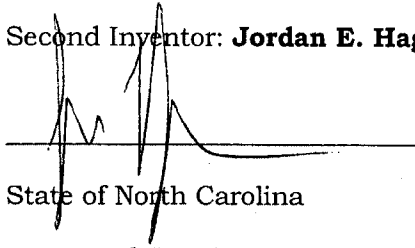
Seal

Melody K. Suggs
(Notary Public)

My commission expires: 10-27-2013



Second Inventor: **Jordan E. Hagaman**

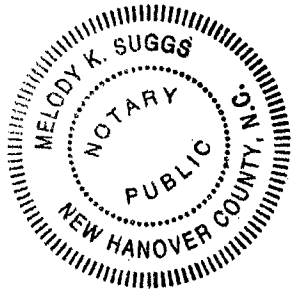
 _____ Date: 4/30/2012

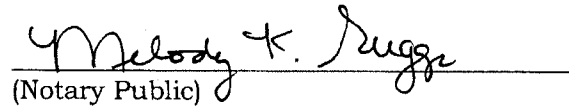
State of North Carolina

County of New Hanover

This 30th day of April, 2012, before me personally came the above named Jordan E. Hagaman, 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



 _____
(Notary Public)

My commission expires: 10.27.2013