

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>Eric P. LOEWEN</td> <td>12/06/2012</td> </tr> <tr> <td>Jose Maria CARO</td> <td>12/06/2012</td> </tr> <tr> <td>Derek BASS</td> <td>12/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Eric P. LOEWEN	12/06/2012	Jose Maria CARO	12/06/2012	Derek BASS	12/06/2012
Name	Execution Date								
Eric P. LOEWEN	12/06/2012								
Jose Maria CARO	12/06/2012								
Derek BASS	12/06/2012								
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>13710766</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13710766				
Property Type	Number								
Application Number:	13710766								
CORRESPONDENCE DATA									
Fax Number:	7036688200								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	703-668-8000								
Email:	dcmailroom@hdp.com								
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.								
Address Line 1:	P.O. BOX 8910								
Address Line 4:	RESTON, VIRGINIA 20195								
ATTORNEY DOCKET NUMBER:	8564-000294/US_24NS264196								
NAME OF SUBMITTER:	Gary D. Yacura								
<p>Total Attachments: 5</p> <p>source=2012_12_03_declaration_assignment#page1.tif</p> <p>source=2012_12_03_declaration_assignment#page2.tif</p> <p>source=2012_12_03_declaration_assignment#page3.tif</p> <p>source=2012_12_03_declaration_assignment#page4.tif</p> <p>source=2012_12_03_declaration_assignment#page5.tif</p>									

CH \$40.00 13710766

**COMBINED DECLARATION AND GLOBAL ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION**

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

**RADIOACTIVE CAPTURE SYSTEM FOR SEVERE ACCIDENT CONTAINMENT OF LIGHT
WATER REACTORS (LWRs), AND METHOD THEREOF**

- the specification of which is attached hereto OR
- United States application or PCT international application number _____ filed on _____, as amended on [date] (if applicable).
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Eric	Paul	Loewen	of	Wilmington	NC	USA
Jose	Maria	Caro	of	Wilmington	NC	USA
Derek		Bass	of	Wilmington	NC	USA

v9.18.12

hereby sell and assign to:

Name of Company: <i>GE-Hitachi Nuclear Energy Americas LLC</i>
Entity Type (optional):
Address: <i>3901 Castle Hayne Road, Wilmington, NC 28401</i>

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Eric Paul Loewen
Eric Paul Loewen

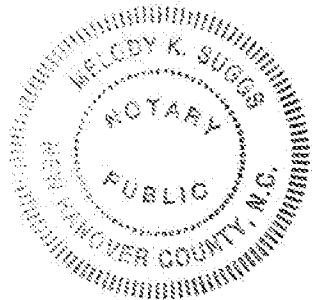
Date: December 6, 2012

STATE OF North Carolina

COUNTY OF New Hanover

This 6th day of December, 2012 before me personally came the above-named Eric Paul 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)

INVENTOR 2

Jose Maria Caro
Jose Maria Caro

Date: December 6, 2012

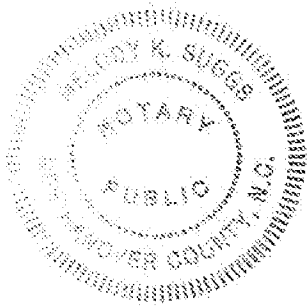
STATE OF North Carolina

COUNTY OF New Hanover

This 6th day of December, 2012 before me personally came the above-named Jose Maria Caro, 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)



INVENTOR 3

Derek Bass

Date: 12/6/2012

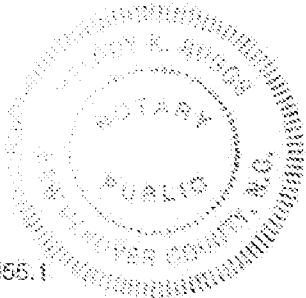
Derek Bass

STATE OF North Carolina

COUNTY OF New Hanover

This 6th day of December, 2012 before me personally came the above-named **Derek Bass**, 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. Ruggs
(Notary Public)