

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>Brian S. TRIPLETT</td> <td>03/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Brian S. TRIPLETT	03/21/2012						
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Brian S. TRIPLETT	03/21/2012										
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>13336229</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13336229						
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Application Number:	13336229										
CORRESPONDENCE DATA											
Fax Number:	(703)668-8200										
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:	24AR245639 (8564-000259)										
NAME OF SUBMITTER:	Gary D. Yacura										
<p>Total Attachments: 3 source=24AR245639_Assignment_27MAR2012#page1.tif source=24AR245639_Assignment_27MAR2012#page2.tif source=24AR245639_Assignment_27MAR2012#page3.tif</p>											

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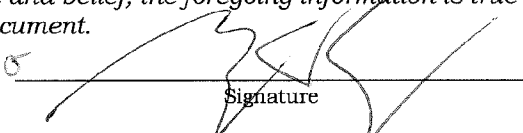
RECORDATION FORM COVER SHEET

**To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.**

1. Name of conveying party(ies): Brian S. TRIPLETT Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		2. Name and address of receiving party(ies) Name: GE-Hitachi Nuclear Energy Americas LLC Street Address: 3901 Castle Hayne Road City: Wilmington, NC Country: USA Postal Code: 28401 Additional name(s) & address(es) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: March 21, 2012			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:			
A. Patent Application No(s). 13/336,229		B. Patent No.(s).	
Additional numbers attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: HARNESS, DICKEY & PIERCE, P.L.C. Street Address: P.O. BOX 8910 City: RESTON State: VA ZIP: 20195 Country: USA		6. Total No. of applications/patents involved: One (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: <u>08-0750</u>	

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gary D. Yacura/35,416  March 27, 2012
Name of Person Signing/Reg. No. Signature Date

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, **Brian S. TRIPLETT** 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 "**METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR GENERATING FAST NEUTRON SPECTRA.**"

- signed as of even date,
- signed as of [date], or

X filed on December 23, 2011, having Application No. 13/336,229

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: **Brian S. TRIPLETT**

Brian S. Triplett Date: 21 Mar 2012

State of North Carolina:
County of New Hanover

This 21st day of March, 2012, before me personally came the above named Brian S. Triplett 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: 10-27-2013

