

04-11-2008



103496260

ER SHEET

s and Trademarks:  
nts or copy thereof.

1. Name of conveying party(ies):

David Grey SMITH and  
William Earl RUSSELL, II.

Additional name(s) of conveying party(ies) attached?  
☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment ☐ Merger ☐ Security Agreement  
☐ Change of Name ☐ Other:

Execution Date: 4/1/2008 and 3/31/2008

2. Name and address of receiving party(ies)

Name: GE-Hitachi Nuclear Energy Americas LLC

Street Address: 3901 Castle Hayne Road

City: Wilmington State: North Carolina

Country: United States Postal Code: 28401

Additional name(s) & address(es) attached? ☐ YES ☒ NO

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: 4/1/2008 and 3/31/2008

A. Patent Application No(s).

B. Patent No.(s).

Additional numbers attached? ☐ YES ☒ 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

☒ Enclosed

☐ Authorized to be charged to deposit account,  
if no fee attached.

8. Deposit account number: 08-0750

(Attach triplicate copy of this page  
if paying by deposit account)

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

Name of Person Signing/Reg. No.

Signature

April 3, 2008

Date

Total number of pages including cover sheet, attachments, and document:

GDY:e

04/04/2008 SZEWDIE1 00000055 12078705

04 FC:8021

40.00 OP

**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, **David Grey Smith of Leland, NC and William Earl Russell, II of Wilmington, NC** hereby sell and assign to GE-Hitachi Nuclear Energy Americas LLC, 3901 Castle Hayne Road, Wilmington, NC 28401, a Delaware LLC (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 **RADIOISOTOPE PRODUCTION STRUCTURES, FUEL ASSEMBLIES HAVING THE SAME, AND METHODS OF USING THE SAME**

☒ signed as of even date,

☐ signed as of [date], or

☐ filed on [date] having Serial Number [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.

Inventor 1      **David Grey SMITH**

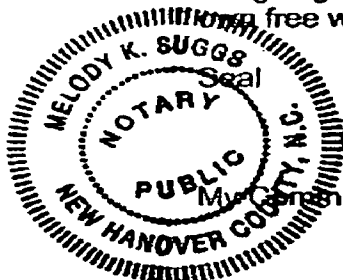


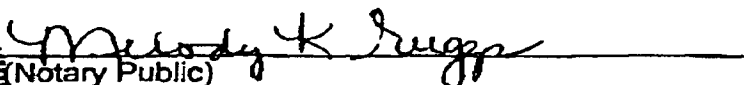
Date: April 1st 2008

State of North Carolina  
County of New Hanover

SS:

This 1st day of April, 2008, before me personally came the above named David Grey Smith 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.



  
(Notary Public)

Commission expires: 10-27-2008

Inventor 2 **William Earl RUSSELL, II**

William Earl Russell, II

Date: 3/31/2008

State of North Carolina  
County of New Hanover

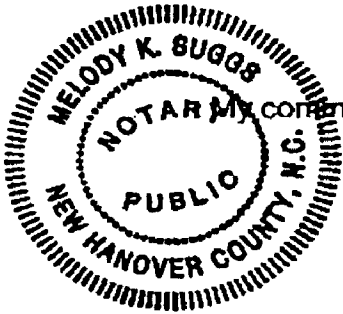
SS:

This 31<sup>st</sup> day of March, 2008, before me personally came the above named William Earl Russell, II 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)

My commission expires: 10-27-2008



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