

12-28-2007

RECOF



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To the Honorable

103471282

marks:

Please record the number of original documents or copy thereof.

1. Name of conveying party(ies):

**William Earl RUSSELL II and  
David Grey SMITH**

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

3. Nature of conveyance:

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

Execution Date: 12/18/07 and 12/18/07

2. Name and address of receiving party(ies)

Name: **GE-HITACHI NUCLEAR ENGERGY  
AMERICAS LLC**

Street Address: **3901 Castle Hayne Road**

City: **Wilmington** State: **NC** ZIP: **28401**

Country: **USA**

Postal Code:

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: 12/18/07 and 12/18/07

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: **HARNES, 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

**December 18, 2007**  
Date

Total number of pages including cover sheet, attachments, and document: **Five (5)**

12/19/2007 DEMMANU1 00000034 12000028  
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GDY/jmh  
40.00 UP

**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, **William Earl Russell, II of Wilmington, NC, and David Grey Smith of Leland, 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 **FUEL RODS HAVING IRRADIATION TARGET ENDPieces**

☒ 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 **William Earl RUSSELL, II**

William Earl Russell, II

Date: 12/18/2007

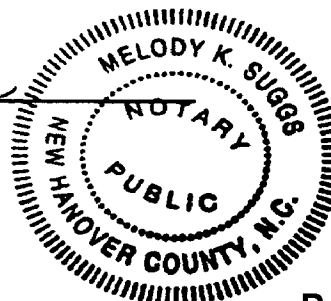
State of North Carolina  
County of New Hanover

SS:

This 18<sup>th</sup> day of December, 2007, 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. Suggs  
(Notary Public)



My commission expires: 10-27-2008

Page 1 of 2

Inventor 2 **David Grey SMITH**

David Grey Smith

Date: 12.18.07

State of North Carolina  
County of New Hanover

SS:

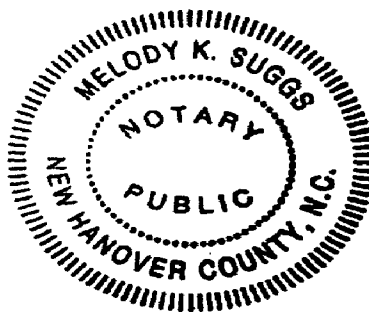
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David Grey Smith to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Seal

Melody K. Suggs  
(Notary Public)

My commission expires: 10-27-2008



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