

10-16-2003

Atty. Docket No.: 8564-000042/US

GE Ref: 24GA-6001

Page 1 of 1



102576031

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): **10.6.03**  
**DAVID JOSEPH KROPACZEK ; STEVEN BARRY SUTTON; CHRISTIAN CARLOS OYARZUN; CAREY REID MERRITT; JOHN DEAN FULLER; WILLIAM EARL RUSSELL II; and MARGARET ESTELLE HARDING**

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

2. Name and address of receiving party(ies)  
Name: **GLOBAL NUCLEAR FUEL - AMERICAS LLC**  
Street Address: **3901 CASTLE HAYNE ROAD**  
City: **WILMINGTON** State: **NC** ZIP: **28401**  
Country: Postal Code:  
Additional name(s) & address(es) attached?  YES  NO

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:

Execution Date: **October 3, 3, 3, 3, 3, and 3, 2003**

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: **October 3, 3, 3, 3, 3, and 3, 2003**

A. Patent Application No(s).  
**New**

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**

Name of Person Signing/Reg. No.

Signature

**October 6, 2003**

Date

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

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### 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 we acknowledge receipt, we, **David Joseph KROPACZEK** of 637 Robert E. Lee Drive, Wilmington, NC 28412, **Steven Barry SUTTON** of 6421 Sentry Oaks Drive, Wilmington, NC 28409, **Christian Carlos OYARZUN** of 341-11 South College Road #2025, Wilmington, NC 28403, **Carey Reid MERRITT** of 3523 Violet Court, Wilmington, NC 28409, **John Dean FULLER** of 8700 Thornblade Circle, Wilmington, NC 28411, **William Earl RUSSELL, II** of 1044 Arboretum Drive, Wilmington, NC 28405, and, **Margaret Estelle HARDING** of 2717 Warlick Drive, Wilmington, NC 28409; hereby sell and assign to Global Nuclear Fuel – Americas, LLC, a Delaware Limited Liability Company, (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 us and described in the application for United States Patent currently entitled **METHOD AND APPARATUS FOR FACILITATING RECOVERY OF NUCLEAR FUEL FROM A FUEL POOL**

- 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/ 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.

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David Joseph KROPACZEK

David Joseph Kropaczek Date: 10/3/2003

State of NORTH CAROLINA SS:  
County of NEW HANOVER

This 3 day of OCTOBER, 2003, before me personally came the above named **David Joseph KROPACZEK** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal      JAMES E. MCGINNESS  
Notary Public, State of North Carolina  
New Hanover County  
My Commission Expires 1/23/2006

James E McGinness  
(Notary Public)

Steven Barry SUTTON

St Barry Sutton Date: 10/03/2003

State of North Carolina SS:  
County of new Hanover

This 3 day of OCTOBER, 2003, before me personally came the above named **Steven Barry SUTTON** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal      JAMES E. MCGINNESS  
Notary Public, State of North Carolina  
New Hanover County  
My Commission Expires 1/23/2006

James E McGinness  
(Notary Public)

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Atty Docket No. 8564-000042/US

**Christian Carlos OYARZUN**

Christian Carlos Oyarzun Date: 10/03/2003

State of North Carolina SS:  
County of New Hanover

This 3 day of October, 2003, before me personally came the above named **Christian Carlos OYARZUN** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

JAMES E. MCGINNESS  
Notary Public, State of North Carolina  
Seal New Hanover County  
My Commission Expires 1/23/2006

James E. McGinness  
(Notary Public)

**Carey Reid MERRITT**

\_\_\_\_\_ Date: \_\_\_\_\_

State of \_\_\_\_\_ SS:  
County of \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above named **Carey Reid MERRITT** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal \_\_\_\_\_  
(Notary Public)

**Christian Carlos OYARZUN**

\_\_\_\_\_ Date: \_\_\_\_\_

State of \_\_\_\_\_ SS:  
County of \_\_\_\_\_

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above named **Christian Carlos OYARZUN** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

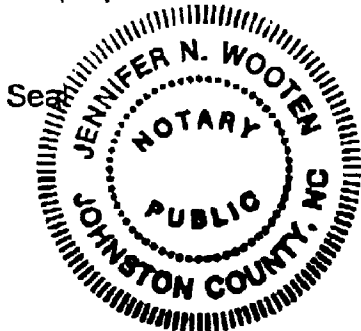
Seal \_\_\_\_\_  
(Notary Public)

**Carey Reid MERRITT**

Carey Reid Merritt Date: 10/3/03

State of North Carolina SS: 237-35-3667  
County of Johnston

This 3rd day of October, 2003, before me personally came the above named **Carey Reid MERRITT** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Jennifer N. Wooten  
(Notary Public)

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**John Dean FULLER**

*John Dean Fuller* Date: 10/3/03

State of NORTH CAROLINA SS:  
County of NEW HANOVER

This 3 day of OCTOBER, 2003, before me personally came the above named **John Dean FULLER** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal JAMES E. MCGINNESS  
Notary Public, State of North Carolina  
New Hanover County  
My Commission Expires 1/23/2006  
*James E McGinness*  
(Notary Public)

**William Earl RUSSELL II**

*William Earl Russell II* Date: 10/3/2003

State of North Carolina SS:  
County of New Hanover

This 3 day of OCTOBER, 2003, 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/she executed the same of his/her own free will for the purposes therein set forth.

Seal JAMES E. MCGINNESS  
Notary Public, State of North Carolina  
New Hanover County  
My Commission Expires 1/23/2006  
*James E McGinness*  
(Notary Public)

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**Margaret Estelle HARDING**

Margaret Estelle Harding Date: 10/3/03

State of NORTH CAROLINA SS:  
County of NEW HANOVER

This 3 day of OCTOBER, 2003, before me personally came the above named **Margaret Estelle HARDING** to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Global Nuclear Fuel – Americas, LLC  
3901 Castle Hayne Road  
Wilmington, NC 28401

James E. McGinness  
(Notary Public)

**JAMES E. MCGINNESS**  
Notary Public, State of North Carolina  
New Hanover County  
My Commission Expires 1/23/2006

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PATENT  
Atty Docket No.: 8564-000042/US  
GE Case No.: 24GA-6001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Joseph KROPACZEK et al.  
Serial No: NEW APPLICATION  
Filed: Herewith  
For: METHOD AND APPARATUS FOR FACILITATING RECOVERY OF  
NUCLEAR FUEL FROM A FUEL POOL

**PROPERTY RIGHTS STATEMENT**

**Attn: Licensing and Review**  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

We, David Joseph KROPACZEK, Steven Barry SUTTON, Christian Carlos OYARZUN, Carey Reid MERRITT, John Dean FULLER, William Earl RUSSELL II, and Margaret Estelle HARDING, citizens of the United States of America, residing at Wilmington, NC respectively, declare:

1. That we made and conceived the invention described and claimed in the above-identified patent application.
2. That we made and conceived this invention while employed by Global Nuclear Fuel – Americas, LLC. That the invention is related to the work we am employed to perform and was made within the scope of our employment duties; That the invention was made during working hours with the use of facilities, equipment, materials, funds, information and services of Global Nuclear Fuel – Americas, LLC.
3. That to the best of our knowledge and belief, the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

PATENT  
REEL: 014583 FRAME: 0178



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The undersigned inventors declare further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature: *David Joseph Kropaczek*  
**David Joseph Kropaczek** *Kropaczek DJK*

Post Office Address: 637 Robert E. Lee Drive, Wilmington, NC 28412

Date: 10/3/2003

Inventor's Signature: *St. Barry Sutton*  
**Steven Barry Sutton**

Post Office Address: 6421 Sentry Oaks Drive, Wilmington, NC 28409

Date: 10/03/2003

Inventor's Signature: *Christian Carlos Oyarzun*  
**Christian Carlos Oyarzun**

Post Office Address: 341-11 South College Road #2025, Wilmington, NC 28403

Date: 10/03/2003

Atty Docket No.: 8564-000042/US  
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Date: \_\_\_\_\_

Inventor's Signature: Cary Reid Merritt  
Carey Reid Merritt

Post Office Address: 3523 Violet Court, Wilmington, NC 28409

Date: 10/6/03

Inventor's Signature: \_\_\_\_\_  
John Dean Fuller

Post Office Address: 8700 Thornblade Circle, Wilmington, NC 28411

Date: \_\_\_\_\_

Inventor's Signature: \_\_\_\_\_  
William Earl Russell II

Post Office Address: 1044 Arboretum Drive, Wilmington, NC 28405

Date: \_\_\_\_\_

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Inventor's Signature:

Carey Reid Merritt

Post Office Address:

3523 Violet Court, Wilmington, NC 28409

Date:

\_\_\_\_\_

Inventor's Signature:

  
John Dean Fuller

Post Office Address:

8700 Thornblade Circle, Wilmington, NC 28411

Date:

10/3/03

Inventor's Signature:

  
William Earl Russell II

Post Office Address:

1044 Arboretum Drive, Wilmington, NC 28405

Date:

10/3/2003

Inventor's Signature:

  
Margaret Estelle Harding

Post Office Address:

2717 Warlick Drive, Wilmington, NC 28409

Date:

10/3/03