

01-02-2003



102327102

COVER SHEET

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.JC997 U.S. PRO
10/325831
12/23/02

1. Name of conveying party(ies):

David Joseph KROPACZEK; William Earl RUSSELL II;
Steven Barry SUTTON; Christian Carlos OYARZUN;
William Charles CLINE

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: USA

Postal Code:

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

3. Nature of conveyance:

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

Execution Date: 12/17/2002

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: 12/17/2002

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.*Matthew J. Lattig, 45,274
Name of Person Signing/Reg. No.

Signature

12/23/2002
Date

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

FILED IN THE OFFICE OF THE COMMISSIONER OF PATENTS AND TRADEMARKS

JAN 10 2004

12/23/02

MJL:kmh

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 325 Kure Dunes Lane, Kure Beach, NC 28449; **William Earl RUSSELL II** of 1044 Arboretum Drive, Wilmington, NC 28405; **Steven Barry SUTTON** of 6421 Sentry Oaks Drive, Wilmington, NC 28409; **Christian Carlos OYARZUN** of Greensboro Street, Wrightsville Beach, NC 28480; and **William Charles CLINE** of 6225 Lydden Road, Wilmington, NC, 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 DETERMINING NUCLEAR REACTOR CORE DESIGNS**,

☒ 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.

David Joseph KROPACZEK

David Joseph Kropaczek Date: 12/17/02

State of NORTH CAROLINA SS: ~~██████████~~
County of NEW HANOVER

This 17 day of DECEMBER, 2002, 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)

William Earl RUSSELL II

William Earl Russell II Date: 12/17/02

State of North Carolina SS: ~~██████████~~
County of New Hanover

This 17 day of DECEMBER, 2002, 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)

Steven Barry SUTTON

St Barry Sutton

Date: 12/17/2002

State of NC
County of NEW HANOVER

SS: ~~XXXXXXXXXX~~

This 17 day of DECEMBER, 2002, 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)

Christian Carlos OYARZUN

Christian Carlos Oyarzun

Date: 12/17/2002

State of NC
County of NEW HANOVER

SS:

This 17 day of DECEMBER, 2002, 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 JAMES E. MCGINNESS
Notary Public, State of North Carolina
New Hanover County
My Commission Expires 1/23/2006
James E McGinness
(Notary Public)

William Charles CLINE

W C Cline

Date: 12/17/2002

State of North Carolina SS:
County of New Hanover

This 17 day of DECEMBER, 2002, before me personally came the above named William Charles CLINE 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)

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