

**Mali Stop Assignment Recordation Services**

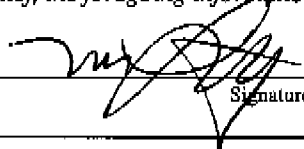
Customer Service Window  
 Randolph Building  
 401 Dulany Street  
 Alexandria, VA 22314

Atty. Docket No.: 140813-1

Page 1 of 1

**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): <b>1) Francis BOLGER</b> <b>2) Jose CASILLAS</b> 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: <b>Global Nuclear Fuel – Americas, LLC</b> Street Address: <b>3901 Castle Hayne Road</b> City: <b>Wilmington, NC</b> Country: <b>U.S.A.</b> Postal Code: <b>28401</b> Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> YES <input 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: <b>1) June 28, 2005; 2) June 28, 2005</b>			
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). <b>11/169,916</b>		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: <b>HARNES, DICKEY &amp; PIERCE, P.L.C.</b> Street Address: <b>P.O. BOX 8910</b> City: <b>RESTON</b> State: <b>VA</b> ZIP: <b>20195</b> Country: <b>USA</b>		6. Total No. of applications/patents involved: <b>One (1)</b>	
		7. Total fee (37 C.F.R. § 3.41): <b>\$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached.	
		8. Deposit account number: <b>08-0750</b>  (Attach triplicate copy of this page if paying by deposit account)	
<b>DO NOT USE THIS SPACE</b>			
9. Statement and signature. <i>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.</i>			
Matthew J. Lattig/45,274 Name of Person Signing/Reg. No.		 Signature	
		August 17, 2005 Date	
Total number of pages including cover sheet, attachments, and document: <b>Three (3)</b>			

HDP Ref: 8564-000080/US

GDY/MJL:lak

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**PATENT**  
**REEL: 016644 FRAME: 0303**

CH \$40.00 080750 11169916

Attorney Docket No. 140813-1  
HDP Ref: 8564-000080/US

### 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, Francis BOLGER of 3116 Lantern Way, Wilmington, NC 28409, and Jose CASILLAS of 5577 Cooney Place, San Jose, CA 95123, 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 me/us and described in the application for United States Patent currently entitled

#### METHOD OF IMPROVING NUCLEAR REACTOR PERFORMANCE DURING REACTOR CORE OPERATION

- signed as of even date,  
 signed as of \_\_\_\_\_, or  
 filed on \_\_\_\_\_ having 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.

Attorney Docket No. 140813-1  
HDP Ref: 8564-000080/US

Inventor 1 Francis BOLGER

[Signature] Date: 6/28/05

State of California SS:

County of Santa Clara

This 28th day of June, 2005, before me personally came the above named

Francis Bolger 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.



Christina M. Garcia  
(Notary Public) 6.28.05

Inventor 2 Jose CASILLAS

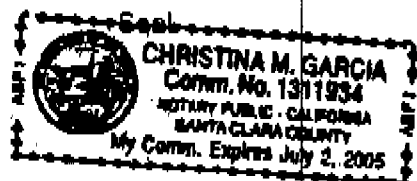
[Signature] Date: 6/28/2005

State of California SS:

County of Santa Clara

This 28th day of June, 2005, before me personally came the above named

Jose Casillas 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.



Christina M. Garcia  
(Notary Public) 6.28.05

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