

12-16-1998



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- ☒ New
- ☐ Resubmission (Non-Recordation)
- Document ID#
- ☐ Correction of PTO Error
- Reel #  Frame #
- ☐ Corrective Document
- Reel #  Frame #

## Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- ☒ Departmental File ☐ Secret File

## Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) CRAWFORD, Douglas C.

Execution Date  
Month Day Year  
8/14/97

Name (line 2)

## Second Party

Name (line 1) PORTER, Douglas L.

Execution Date  
Month Day Year  
8/15/97

Name (line 2)

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) United States Department of Energy

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1) GC-62 (FORSTL) MS 6F-067

Address (line 2) 1000 Independence Avenue, S.W.

Address (line 3) Washington

D.C.

20585

City

State/Country

Zip Code

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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OMB 0651-0027

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U.S. Department of Commerce  
Patent and Trademark Office

PATENT

## Correspondent Name and Address

Area Code and Telephone Number 202-586-2810

Name Betty A. Winchester

Address (line 1) United States Department of Energy

Address (line 2) GC-62 (FORSTL) MS 6F-067

Address (line 3) 1000 Independence Avenue, S.W.

Address (line 4) Washington, D. C. 20585

## Pages

Enter the total number of pages of the attached conveyance document  
including any attachments.

# 2

## Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

## Patent Application Number(s)

08922019

## Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was  
signed by the first named executing inventor.

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number  
has not been assigned.

PCT

PCT

PCT

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## Number of Properties

Enter the total number of properties involved.

# 1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Deposit Account

Enclosed ☐Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 01-2752

Authorization to charge additional fees:

Yes



No



## 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. Charges to deposit account are authorized, as  
indicated herein.

Anne L. Remsburg

Name of Person Signing

Anne L. Remsburg

Signature

OCT 16 1998

Date

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Expires 06/30/99  
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# RECORDATION FORM COVER SHEET

## CONTINUATION PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

OCT 16 1998

### Conveying Party(ies)

Enter additional Conveying Parties

☒ Mark if additional names of conveying parties attached

Execution Date  
Month Day Year

Name (line 1) HAYES, Steven L.

08/15/97

Name (line 2)

Execution Date  
Month Day Year

Name (line 1) HILL, Robert N.

08/19/97

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

### Receiving Party(ies)

Enter additional Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

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Name (line 2)

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Address (line 3)

City

State/Country

Zip Code

### Application Number(s) or Patent Number(s)

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

☐ Mark if additional numbers attached

#### Patent Application Number(s)

08922019

#### Patent Number(s)

## PATENT ASSIGNMENT FORM

WHEREAS, we, Douglas C. Crawford, Douglas L. Porter, Steven L. Hayes and Robert N. Hill, citizens of the United States residing  
in Bonneville Idaho Falls, County of Bonneville, State of Idaho;  
in Idaho Falls, County of Bonneville, State of Idaho;  
in Idaho Falls, County of Bonneville, State of Idaho;  
in Bonnybrook, County of Idaho, State of Idaho;  
have invented certain new and useful improvements in FUEL ELEMENT DESIGN FOR THE ENHANCED DESTRUCTION OF PLUTONIUM IN A NUCLEAR REACTOR, for  
which a patent application identified as Serial No. \_\_\_\_\_ was filed on \_\_\_\_\_ and executed  
by us on the 14th day of Aug., <sup>1997</sup> on the 15th day of Aug., 19 97 on the  
15th day of Aug., 19 97; on the 19th day of Aug., 19 97; and

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to us in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms and contents as may be required by the United States Department of Energy, or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved and we agree that we will encounter or in which they may become involved and we agree that we will aid the Government of the United States in every way in protecting the inventions as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:

W. Eugene Robinson

INVENTORS:

Douglas C. Gaudet (SEAL)

Date 8-14-97

WITNESS:

W. Eugene Robinson

Douglas L. Porter (SEAL)

Date 8-15-97

WITNESS:

W. Eugene Robinson

Steven Z. Hayer (SEAL)

Date 8-15-97

WITNESS:

W. Eugene Robinson

Robert H. Hayer (SEAL)

Date 8-19-97

Approved and consented to this 25th day of August, 1997.

ATTEST:

James R. LaFevers  
Assistant Secretary of the  
(SEAL) Board of Trustees

James R. LaFevers  
By James R. LaFevers

Its Deputy to Vice President

Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:

Anne L. Remsburg

By J. R. LaFevers  
Assistant General Counsel for Patents