

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
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PATENT

S-88,249

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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Savannah River Nuclear Solutions, LLC Execution Date: 03/03/2009

Name (line 2) _____

Second Party

Name (line 1) _____

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) United States Department of Energy

Name (line 2) _____

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

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

Address (line 3) Washington D.C. 20585-0162

City State/Country Zip Code

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FORM PTO-1619B
Expires 06/30/99
OMB 0651-0027

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

Correspondent Name and Address

Area Code and Telephone Number

202-586-2810

Name **Betty Winchester**

Address (line 1) **United States Department of Energy**

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

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

Address (line 4) **Washington, D.C. 20585-0162**

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)

Patent Number(s)

6289299		

If this document is being filed together with a new Patent Application, enter the date the patent application was

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	
PCT		PCT		PCT	

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:

Enclosed

Deposit Account

Deposit Account

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

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.

Katherine Baldwin

Katherine Baldwin

3-4-09

Name of Person Signing

Signature

Date

09/250,850

**U.S. DEPARTMENT OF ENERGY
PATENT ASSIGNMENT FORM**

WHEREAS, Michael A. Whitney and William E. Daniel, Jr. invented certain new and useful improvements in **Systems and Methods for Interactive Virtual Reality Process Control and Simulation**, (U.S. Department of Energy No. S-88,249), for which an application for United States Letters Patent was filed on February 7, 1999 and assigned Application Serial No. 09/250,850 and which has issued as Patent No. 6,289,299 on September 11, 2001.

WHEREAS the above-named inventors assigned their rights in this invention to Westinghouse Savannah River Company LLC in an assignment recorded on February 17, 1999, Reel/Frame 009775/0105.

WHEREAS Westinghouse Savannah River Company LLC assigned their rights in this invention to Washington Savannah River Company LLC in an assignment recorded on July 24, 2008, Reel/Frame 021281/0813.

WHEREAS Washington Savannah River Company LLC assigned their rights to this invention to Savannah River Nuclear Solutions, LLC on November 17, 2008, Reel/Frame 021838/0626.

WHEREAS, the Government of the United States desires to acquire the entire right, title and interest in and to the 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 good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we by these presents do grant, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy, 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, the same to be held and enjoyed by the said Government of the United States or its assigns to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by me 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, with 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 Patent 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 aid the Government of the United States in every way in protecting the invention as may be requested by the United States Department of Energy, Except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

Approved and consented to on behalf of Savannah River Nuclear Solutions, LLC this 3 day of March, 2009.

WITNESS:

Laura Spahr

SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC

By: Rebecca J. Butler
Rebecca J. Butler
Intellectual Property Counsel

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

WITNESS:

Katherine Baldwin

UNITED STATES DEPARTMENT OF ENERGY

By: Paul A. Gottlieb
for Paul A. Gottlieb
Assistant General Counsel
for Technology Transfer and Intellectual Property