

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven Douglas Herrmann</td> <td>10/25/2012</td> </tr> </tbody> </table>		Name	Execution Date	Steven Douglas Herrmann	10/25/2012
Name	Execution Date				
Steven Douglas Herrmann	10/25/2012				
RECEIVING PARTY DATA					
Name:	U.S. Department of Energy				
Street Address:	1000 Independence Avenue, S.W.				
Internal Address:	GC-62, 6F-048				
City:	Washington				
State/Country:	DISTRICT OF COLUMBIA				
Postal Code:	20585-0162				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13666232</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13666232
Property Type	Number				
Application Number:	13666232				
CORRESPONDENCE DATA					
Fax Number:	2025867127				
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>					
Phone:	202-586-2810				
Email:	katherine.baldwin@hq.doe.gov				
Correspondent Name:	Katherine Baldwin				
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Address Line 2:	GC-62, 6F-048				
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20585-0162				
ATTORNEY DOCKET NUMBER:	S-127,032				
NAME OF SUBMITTER:	Katherine Baldwin				
Total Attachments: 2 source=S-127032-ExecutedAssignment#page1.tif source=S-127032-ExecutedAssignment#page2.tif					

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13/666232

U.S. Department of Energy Patent Assignment Form

Whereas, I/we, Steven Douglas Herrmann

have invented certain new and useful improvements in :

MOLTEN SALT EXTRACTION OF TRANSURANIC AND REACTIVE FISSION
PRODUCTS FROM USED URANIUM OXIDE FUEL


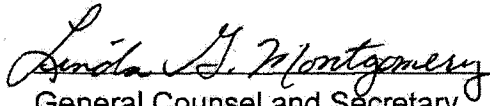
, for which I/we have/will file an application for United States Letters Patent, identified
as: S-127,032

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 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.

I/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.

Inventor:Full name of Inventor: Steven Douglas HerrmannInventor's signature: Date 10/25/12Address: 2407 Sunnyvale Way
Idaho Falls, ID 83402**Witness to Signature:**Full name of Witness: CRESTA L. FILLMOREWitness' Signature: Cresta L. FillmoreDate 10/25/12**Contractor Approval and Consent:**Full Name: Linda G. MontgomerySignature: Date 10/25/12Title: General Counsel and SecretaryOrganization: Battelle Energy Alliance, LLC**Witness to Signature:**Full name of Witness: Cresta L. FillmoreWitness' Signature: Cresta L. FillmoreDate 10/25/12**Government Acceptance:**

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

Full Name: John T. LucasSignature: Date 11-16-12Title: Assistant General Counsel for Technology Transfer
and Intellectual Property**Witness to Signature:**Full name of Witness: Katharine BaldwinWitness' Signature: Katharine BaldwinDate 11-16-2012