

## PATENT ASSIGNMENT

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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>David L. Chichester</td> <td>03/19/2012</td> </tr> <tr> <td>Scott M. Watson</td> <td>03/13/2012</td> </tr> <tr> <td>James T. Johnson</td> <td>03/13/2012</td> </tr> <tr> <td>Mathew T. Kinlaw</td> <td>03/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	David L. Chichester	03/19/2012	Scott M. Watson	03/13/2012	James T. Johnson	03/13/2012	Mathew T. Kinlaw	03/13/2012
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David L. Chichester	03/19/2012										
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James T. Johnson	03/13/2012										
Mathew T. Kinlaw	03/13/2012										
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>13326970</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13326970						
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Application Number:	13326970										
CORRESPONDENCE DATA											
Fax Number:	(202)586-7127										
Phone:	202-586-2810										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Katherine Baldwin										
Address Line 1:	1000 Independence Avenue, S.W.										
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Address Line 4:	Washington, DISTRICT OF COLUMBIA 20585-0162										
ATTORNEY DOCKET NUMBER:	S-122,402										
NAME OF SUBMITTER:	Katherine Baldwin										

PATENT

**Total Attachments: 4**

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# U.S. Department of Energy Patent Assignment Form

Whereas, I/we, David L. Chichester, Scott M. Watson, James T. Johnson and Mathew T. Kinlaw

*have invented certain new and useful improvements in :*

*: METHOD AND APPARATUS TO MONITOR A BEAM OF IONIZING RADIATION*

*, for which I/we have/will file an application for United States Letters Patent, identified*

*as: S-122,402*

*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: David L. Chichester

Inventor's signature:

*David Lee Chichester*

Date

*3/19/2012*

Address:

1430 Blue Ridge Circle  
Idaho Falls, ID 83402

Citizenship:

US

**Witness to Signature:**

Full name of Witness:

*Kathryn J. Harris*

Witness' Signature:

*Kathryn J. Harris*

Date

*19 March 2012*

**Inventor:**

Full name of Inventor: Scott M. Watson

Inventor's signature:

*Scott M. Watson*

Date

*3/13/2012*

Address:

726 Laurelwood Ave  
Idaho Falls, ID 83401

Citizenship:

US

**Witness to Signature:**

Full name of Witness:

*Kathryn J. Harris*

Witness' Signature:

*Kathryn J. Harris*

Date

*13 March 2012*

**Inventor:**

Full name of Inventor: James T. Johnson

Inventor's signature: James Johnson Date 3/13/2012

Address: 227 N. 4300 E.  
Rigby, ID 83442

Citizenship: ID

**Witness to Signature:**

Full name of Witness: Kathryn J. Harris

Witness' Signature: Ka J Harris Date 13 March 2012

**Inventor:**

Full name of Inventor: Mathew T. Kinlaw

Inventor's signature: MTK Date 3/13/2012

Address: 2442 Brandon Dr.  
Idaho Falls, ID 83402

Citizenship: US

**Witness to Signature:**

Full name of Witness: Kathryn J. Harris

Witness' Signature: Ka J Harris Date 13 March 2012

**Contractor Approval and Consent:**  
Full Name: Linda Montgomery  
Signature: *Linda Montgomery* Date 3-29-2012  
Title: General Counsel and Secretary  
Organization: Battelle Energy Alliance, LLC  
**Witness to Signature:**  
Full name of Witness: Kathryn J Harris  
Witness' Signature: *Kathryn J Harris* Date 3/29/2012

**Government Acceptance:**  
Accepted for the Benefit of the Government of the United States.  
Full Name: John T. Lucas  
Signature: *JTL* Date 4/5/2012  
Title: Assistant General Counsel for Technology Transfer  
and Intellectual Property  
**Witness to Signature:**  
Full name of Witness: Katherine Baldwin  
Witness' Signature: *Kath Baldwin* Date 4-5-12