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To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Douglas W. Akers

Execution Date(s) 6/14/2004

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Battelle Energy Alliance, LLC

Internal Address: P.O. Box 1625

Street Address: _____

City: Idaho Falls

State: Idaho

Country: US

Zip: 83415-3899

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/869,794 filed 6/15/2004

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Office of General Counsel - IP

Internal Address: Battelle Energy Alliance, LLC

P.O. Box 1625

Street Address: _____

City: Idaho Falls

State: Idaho Zip: 83415-3899

Phone Number: 208/526-1371

Fax Number: 208/526-8339

Email Address: Alan.Kirsch@inl.gov

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 05-0565

Authorized User Name Janine Hall

9. Signature:

Janine Hall
Signature

9/20/05
Date

Janine Hall

00000142 050565 10869794

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT ASSIGNMENT

WHEREAS, I Douglas W. Akers, citizen of the United States, residing in Idaho Falls, County of Bonneville, State of Idaho, have invented certain new and useful improvements in METHOD AND APPARATUS FOR NON-DESTRUCTIVE TESTING, for which I am about to file an application for United States Letters Patent identified as B-390; and; executed by me on 6/14/04, and;

WHEREAS, Bechtel BWXT Idaho, LLC 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 other good and valuable consideration, I by these presents do sell, assign, and transfer unto the said Bechtel BWXT Idaho, LLC 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, the same to be held and enjoyed by Bechtel BWXT Idaho, LLC 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. I agree to make, execute, and deliver unto Bechtel BWXT Idaho, LLC any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other 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 Bechtel BWXT Idaho, LLC 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 application may encounter or in which they may become involved, and I agree that I will aid Bechtel BWXT Idaho, LLC or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with Bechtel BWXT Idaho, LLC.

WITNESS:

Mandy Janson

INVENTOR:

D W Akers
Douglas W. Akers
Date 6/17/04