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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Douglas William Akers	11/28/2007

RECEIVING PARTY DATA

Name:	Battelle Energy Alliance, LLC	
Street Address:	P.O. Box 1625	
City:	Idaho Falls	
State/Country:	IDAHO	
Postal Code:	83415-3899	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11946512

CORRESPONDENCE DATA

Fax Number: (208)526-8339

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: ALAN.KIRSCH@INL.GOV

Correspondent Name: BATTELLE ENERGY ALLIANCE, LLC

Address Line 1: P.O. BOX 1625

Address Line 4: IDAHO FALLS, IDAHO 83415-3899

ATTORNEY DOCKET NUMBER:	BA-155
NAME OF SUBMITTER:	Alan D. Kirsch

Total Attachments: 2

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does:

Delaware limited liability company, having a principal place of business at 2525 Fremont Avenue, Idaho Falls, Idaho 83415, the entire right, title and interest for the United States and all foreign countries and jurisdictions in any and all inventions and improvements which are disclosed in the Application for United States Letters Patent, Attorney Docket No. BA-155, entitled METHODS AND APPARATUS FOR PRODUCING AND STORING POSITRONS AND PROTONS, such application filed on SA-100, such application and all divisionals, continuations, substitutes, renewals, reissues, reexaminations, and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries and jurisdictions relating to any of such inventions and improvements; all original, reexamined and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions on such inventions and improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

AUTHORIZE BEA to apply for and receive any and all United States and foreign patents relating to such inventions and improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such inventions and improvements in the name of BEA;

REPRESENT that no assignment, grant, mortgage, license or other agreement or encumbrance inconsistent with the rights and property conveyed by this assignment has been or will be made or entered into by the undersigned, and that the full right to convey the same is possessed by the undersigned, subject to any and all rights retained by the United States Government;

COVENANT to carry out in good faith the intent and purpose of this assignment, to execute all divisionals, continuations, substitutes, renewals, reissues, reexaminations, and all other patent applications relating to any and all such inventions and improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to BEA all facts and provide to BEA all documents and things known and accessible to the undersigned relating to such inventions and improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which BEA shall consider desirable for vesting title to such inventions and improvements in BEA, and to secure, maintain, defend and enforce valid and enforceable patent protection for such inventions and improvements; at the request of BEA and upon prior written arrangement, BEA may reimburse the undersigned for any burdensome expenses in carrying out the above covenants;

PATENT REEL: 020170 FRAME: 0819 AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of BEA.

AUTHORIZE AND DIRECT any of the attorneys associated with Customer Number 000004347 to insert the serial number and filing date of the application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

ASSIGNORS:

Dus Chi		Date _	11/28/07
Printed Name: Douglas W. Ake	ers		/ /
Residing at: Idaho Falls, ID			
State of Idaho)		
	S.S.		
County of Bonneville)		

On this Aday of Woo. 2007, before me personally appeared Douglas W. Akers, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

ANNAMINATION OF THE OWNER DATE OF DAHO

Notary Public

My commission expires on 1011201