

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
UT-BATTELLE, LLC	11/04/2009
RECEIVING PARTY DATA	
Name:	U.S. Department of Energy
Street Address:	1000 Independence Ave., SW
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20585
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12540401
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	Brenda K. Banks
Total Attachments: 1 source=S-115215#page1.tif	

CONFIRMATORY LICENSE

Title: Integrated Reactor and Centrifugal Separator and Uses Thereof
Inventor(s): Joseph F. Birdwell, Jr., Harold L. Jennings, Joanna McFarlane, and
Constantino Tsouris
Serial No.: 12/540,401
Filing Date (U.S.) August 13, 2009
Contractor: UT-Battelle, LLC
DOE Contract No.: DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agent between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 4th day of November, 2009.

UT-Battelle, LLC

By 
Mark-Reeves, Deputy Director
Technology Transfer