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S-126,472

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Battelle Energy Alliance, LLC

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

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- ☐ Assignment ☐ Merger
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2. Name and address of receiving party(ies)Name: United States Department of Energy

Internal Address: _____

Street Address: 1000 Independence Ave., S.W.City: WashingtonState: D.C.Country: USA Zip: 20585

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4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

Serial No. 13/188,202

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:Name: Mark P. DvorscakInternal Address: U. S. Dept. of Energy, IPLDStreet Address: 9800 S. Cass AveCity: ArgonneState: IL Zip: 60439Phone Number: 630-252-2393Fax Number: 630-252-2779

Email Address: _____

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$**

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Total number of pages including cover sheet, attachments, and documents: **2**

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PATENT

700476430

REEL: 027361 FRAME: 0972

DOE Case No.: S-126,472
BA-557

CONFIRMATORY LICENSE

Application for: MOLTEN SALT ROLLING BUBBLE COLUMN, REACTORS
UTILIZING SAME AND RELATED METHODS
Inventor(s): Terry D. Turner; Bradley C. Benefiel; Dennis N. Bingham; Kerry K.
Klingler; Bruce M. Wilding
Serial No.: 13/188,202
Filing Date (U.S.): 07/21/11
DOE Contract No.: DE-AC07-05ID14517
Contractor: Battelle Energy Alliance, LLC

The invention identified above is a "Subject Invention" under the above-numbered contract with Battelle Energy Alliance, LLC. A copy of the provisions of the above-numbered contract 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 to 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 License does not preclude the Government from asserting rights under the provisions of said Contract or any other agreement 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 24th day of October, 2011.

BATTELLE ENERGY ALLIANCE, LLC

By: Steven T. McMaster
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