

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

Doc Code: S-114644

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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)**BATTELLE MEMORIAL INSTITUTE, PACIFIC
NORTHWEST DIVISION**Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 8/13/2008

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☒ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)Name: U.S. Department of EnergyInternal Address: GC-62 6F-067Street Address: 1000 Independence Avenue, S.W.City: WashingtonState: D.C.Country: _____ Zip: 20585-0162Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**

A. Patent Application No.(s)

11/232485☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Brenda K. BanksInternal Address: GC-62 6F-067U.S. Department of EnergyStreet Address: 1000 Independence Avenue, S.W.City: WashingtonState: D.C. Zip: 20585-0162Phone Number: 202-586-2802Fax Number: 202-586-2805Email Address: brenda.banks@hq.doe.gov**6. Total number of applications and patents involved:****7. Total fee (37 CFR 1.21(h) & 3.41) \$**

- ☐ 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 _____

Authorized User Name _____

9. Signature:Brenda K. Banks

Signature

9/23/08

Date

Brenda K. Banks

Name of Person Signing

Total number of pages including
cover**2**Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

11/232,485

CONFIRMATORY LICENSE
(Nonprofit Organizations or Small Business Forms)

Title: INTEGRATED REACTORS, METHODS OF MAKING SAME,
AND METHODS OF CONDUCTING SIMULTANEOUS
EXOTHERMIC AND ENDOTHERMIC REACTIONS

Inventor(s): AJ. Tonkovich, G Roberts, ST Perry, SP Fitzgerald
Serial No.: 11/232,485 File Date (U.S.): 09/21/2005
Contractor: Battelle Memorial Institute, PNWD DOE Case No.: S-114,644
Docket No: 13006-E CIP2 DIV
Patent Right Clause No.: I-99

DOE Contract No.: DE-AC05-76RL0 1830

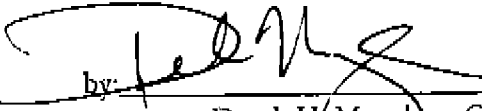
The Contractor, having the right to retain title to subject inventions as a result of Public Law 96-517, has reported the above-identified invention as a subject invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States. Required by the Public Law and the above-identified contract, in this invention and of all other rights acquired by the Government by the above-identified contract, in this invention and of all other rights clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 13th day of August, 2008.

BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION
(Contractor)

by: 
Derek H. Maughan, Contracting Officer

P.O. Box 999, Richland, Washington 99352
Business Address