### 502689529 02/21/2014

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2736134

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

#### **CONVEYING PARTY DATA**

Name	Execution Date
BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION	01/08/2014

#### **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:	14132262

# **CORRESPONDENCE DATA**

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Date:	02/21/2014

Total Attachments: 1

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PATENT REEL: 032262 FRAME: 0361

#### CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Forms)

Title: METHODS AND SYSTEMS FOR ACOUSTICALLY-ASSISTED

HYDROPROCESSING AT LOW PRESSURE

Inventor(s): | | Strohm; BQ Roberts; KM Denslow

Serial No.: 14/132,262 File Date (U.S.): 12/18/2013 Contractor: Battelle Memorial Institute, PNWD DOE Case No.: S-123,502

Docket No: 17140-E

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

RECORDED: 02/21/2014

Patent Right Clause No.: I-99

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 day of January, 2014.

BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION (Contractor)

Derek II. Maughan, Contracting Officer

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> PATENT REEL: 032262 FRAME: 0362