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4. Application or patent number(s): A. Patent Application No.(s) 12/140,798 Additional numbers att	document is being filed together with a new application. B. Patent No.(s) ached? Yes No
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PATENT REEL: 021424 FRAME: 0145 08/21/2008 10:27 FAX 2025867127

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12/140,798

CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Forms)

Title: METHODS, SYSTEMS, AND DEVICES FOR DEEP

DESULFURIZATION OF FUEL GASES

Inventor(s): L Li, DL King, J Liu, Q Huo

Serial No.: 12/140,798 File Date (U.S.): 06/17/2008 Contractor: Battelle Memorial Institute, PNWD DOE Case No.: \$-111,689

Docket No: 15581-E

DOE Contract No.: DE-AC05-76RL0 1830 Patent Right Clause No.: I-99

The Contractor, having the right to tetain 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 14 day of July, 2008.

BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION (Contractor)

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Vincent A. Branton, Contracting Officer

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