FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 09-22-2004

U.S. Department of Commerce Patent and Trademark Office PATENT

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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
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PATENT REEL: 015790 FRAME: 0917

DOE Docket No.: S-104,308 ANL Case No.: ANL-IN-03-133

## **CONFIRMATORY LICENSE**

Application for: AUTOTHERMAL REFORMING CATALYST WITH

PEROVSKITE STRUCTURE

Inventors: Michael Krumpelt and Di-Jia Liu

Serial No.: 10/832,753 Filing Date: April 27, 2004

Contract No.: W-31-109-ENG-38

Contractor: The University of Chicago

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (certified on February 8, 1996) 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 document 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 on August 17, 2004

THE UNIVERSITY OF CHICAGO (Contractor)

Renee K. Carder, Ph.D.

By:

RECORDED: 09/20/2004

Assistant Vice President

for Strategic Research Initiatives

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PATENT REEL: 015790 FRAME: 0918