06-08-2005 U.S. Department of Commerce FORM PTO-1619A **Patent and Trademark Office** Expires 06/30/99 OMB 0651-0027 **PATENT** 103017493 JUN 0 3 2005 RECORDATION FORM COVER SHEET PATENTS ONLY ts and Trademarks: Please record the attached original document(s) or copy(ies) TO: The Commission **Conveyance Type** Submission Type **✓** New **Assignment Security Agreement** Resubmission (Non-Recordation) License Change of Name **Document ID#** Correction of PTO Error Other Confirmatory License Merger Reel # Frame # U.S. Government **Corrective Document** (For Use ONLY by U.S. Government Agencies) Reel# Frame # **Departmental File** Secret File Mark if additional names of conveying parties attached Execution Date Conveying Party(ies) Year\_ Month Day 4/29/2005 Name (line 1) The University of Chicago Name (line 2) Execution Date Second Party Day Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) United States Department of Energy is an assignment and the receiving party is not domiciled in the United Name (line 2) States, an appointment of a domestic representative is attached. Address (line 1) 1000 Independence Avenue (Designation must be a separate document from Assignment.) Address (line 2) Address (line 3) Washington D.C. USA 20585 City State/Country Zip Code **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2)

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PATENT REEL: 016654 FRAME: 0869

DOE Docket No.: S-105,778 ANL Case No.: ANL-IN-98-089c

## **CONFIRMATORY LICENSE**

Application for:

**OXYGEN ION CONDUCTING MATERIALS** 

Inventors:

John Vaughey, Michael Krumpelt, Xiaoping Wang, and

J. David Carter

Serial No.:

10/900,054

Filing Date:

July 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 April 29, 2005

THE UNIVERSITY OF CHICAGO (Contractor)

By:

RECORDED: 06/03/2005

Renee K. Carder, Ph.D.

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PATENT REEL: 016654 FRAME: 0870