

FORM PTO-1619A  
Expires 08/30/99  
OMB 0651-0027

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S-105,100

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Name (line 1)  UT-BATTELLE, LLC  Execution Date  
Month Day Year  
9/7/2005

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Name (line 2)

Address (line 1)  1000 Independence Avenue, S.W.

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Address (line 3)  Washington  D.C.  20585-0162  
City State/Country Zip Code

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FORM PTO-1619B  
Expires 06/30/99  
OMB 0651-0027

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

**Correspondent Name and Address**

Area Code and Telephone Number

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**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 1

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

11/166,573

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

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**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

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Brenda K. Banks

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Brenda K Banks

Signature

10/3/05

Date

PATENT

REEL: 016848 FRAME: 0765

11/166,573

DOE Docket ID1499.0  
S-105,100**CONFIRMATORY LICENSE**

Title: Low Temperature Proton Conducting Oxide  
Inventor(s): Timothy R. Armstrong, Edward A. Payzant, and Scott A. Speakman  
Serial No.: 11/166,573  
Filing Date (U.S.): June 24, 2005  
Contractor: UT-Battelle, LLC  
DOE Contract No.: DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) 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 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 agent 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 this 7<sup>th</sup> day of September, 2005.

UT-Battelle, LLC

By   
for Alexander R. Fischer, Director  
Technology Transfer and Economic Development