Form PTO-1595 (Rev. 08/05)

Doc Code: S-101,987

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☐ Assignment ☐ Merger	City: Washington
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☐ Joint Research Agreement	Country: Zip: <u>20585-0162</u>
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Executive Order 9424, Confirmatory License	Additional name(s) & address(es) attached? Yes No
Other This	document is being filed together with a new application.
11.14pp	B. Patent No.(s)
A. Patent Application No.(s)	D. 1 atom (10-10)
11/207,320	
Additional numbers at	 ached? □ Yes ⊠ No
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PATENT REEL: 020912 FRAME: 0601 05/07/2008 11:34 FAX

→ PTO RECORDATIONS 🛭 002/002

11/207,320

DOE Docket ID1390.0 S-101,987

CONFIRMATORY LICENSE

Title:

MgAL₂O₄ Spinel Refractory as Containment Liner for High-Temperature Alkali

Salt Containing Environments

Inventor(s):

James G. Hemrick, Camden R. Hubbard, James R. Keiser and Roberta A.

Meisner

Serial No...

11/207,320

Contractor:

Filing Date (U.S.) August 19, 2005

DOE Contract No.: DE-AC05-00OR22725

UT-Battelle, LLC

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 3^{μ} day of μ

RECORDED: 05/07/2008

UT-Battelle, LLC

By

Casey Porto

Director, Office of Technology Transfer

PATENT REEL: 020912 FRAME: 0602