| FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 | 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 |
|---|--|--|
| Correspondent Name and Add | dress Area Code and Telephone Number | 202-586-2802 |
| Name Brenda K. Banks | | |
| Address (line 1) U. S. Department of Ener | gy | |
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| Address (line 3) Washington, D. C. 20585- | 0162 | |
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PATENT REEL: 016486 FRAME: 0101

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11/109, 376

DOE Docket ID1490.0 S-105,091

CONFIRMATORY LICENSE

Thermal and High Magnetic Field Treatment of Materials and Associated Title:

Apparatus

Roger A. Kisner, John B. Wilgen, Gerard M. Ludtka, Roger A. Jaramillo, and Inventor(s):

Gail Mackiewicz-Ludtka

Serial No.: Filing Date (U.S.)

Contractor:

11/109,376 April 19, 2005 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 day of June, 2005.

UT-Battelle, LLC

Alexander R. Fischer, Director

Technology Transfer and Economic Development

PATENT RECORDED: 07/07/2005 **REEL: 016486 FRAME: 0102**