5-111,471

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Additional name(s) of conveying party(les) attached?   Yes No  No  Nature of conveyance/Execution Date(s):  Execution Date(s) 1/27/2009	Street Address: 1000 Independence Avenue, S.W.
<ul> <li>□ Assignment</li> <li>□ Merger</li> <li>□ Security Agreement</li> <li>□ Joint Research Agreement</li> <li>□ Government Interest Assignment</li> <li>☑ Executive Order 9424, Confirmatory License</li> <li>□ Other</li> </ul>	City: Washington  State: D.C.  Country: Zip: 20585-0162  Additional name(s) & address(es) attached?  Yes No
A. Patent Application No.(s) 12/326,223  Additional numbers att	document is being filed together with a new application.  B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed:	involved:
Name: Brenda K. Banks Internal Address: GC-62 6F-067 U.S. Department of Energy Street Address: 1000 Independence Avenue, S.W.	7. Total fee (37 CFR 1.21(h) & 3.41) \$  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
City: Washington  State: D.C. Zip: 20585-0162  Phone Number: 202-586-2802	8. Payment Information
Fax Number: 202-586-2805	Deposit Account Number
Email Address: <u>brenda.banks@hq.doe.gov</u>	Authorized User Name
9. Signature: Signature  Brenda K. Banks  Name of Person Signing	Date  Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (Including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 022373 FRAME: 0533

12/326,223

DOE Docket ID1861 S-111.471

## CONFIRMATORY LICENSE

Title:

Optically Stimulated Differential Impedance Spectroscopy

Inventor(s):

Lonnie C. Maxey, James E. Parks, II, Samuel A. Lewis, Sr. and William P. Partridge,

Serial No.:

12/326,223

Filing Date (U.S.)

December 2, 2008

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 aboveidentified application.

RECORDED: 03/09/2009

Signed this  $27^{12}$  day of

UT-Battelle, LLC

Interim Director, Office of Technology Transfer

PATENT **REEL: 022373 FRAME: 0534**