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5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Mark P. Dvorscak</u> Internal Address: <u>U. S. Dept. of Energy, IPLD</u> Street Address: <u>9800 S. Cass Ave</u> City: <u>Argonne</u> State: <u>IL</u> Zip: <u>60439</u> Phone Number: <u>630-252-2393</u> Fax Number: <u>630-252-2779</u> Email Address: _____	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____ <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> None required (government interest not affecting title)	
9. Signature:  <div style="text-align: center; margin-top: 5px;">Signature</div>	8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number _____ Authorized User Name _____ Date: <u>4/1/2010</u> <div style="text-align: center; margin-top: 5px;">Date</div>	
<u>Michael J. Dobbs #58,093</u> Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 2	

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CONFIRMATORY LICENSE

Title of Invention: PHOTOACOUSTIC SPECTROSCOPY TECHNIQUE FOR
REMOTE SENSING OF EXPLOSIVES AND TOXIC CHEMICALS

Inventors: Shuh-Haw Sheen, Apostolos C. Raptis, and Hual-Te Chien

Patent Application Serial No.: 12/631,607 Filing Date: December 4, 2009

Patent Number: Issue Date:

Contractor: UChicago Argonne, LLC
DOE Contract No.: DE-AC02-06CH11357
DOE Case No.: S-119,890 ANL Case No.: ANL-IN-06-078b

The Contractor has reported the above-identified invention as a subject invention to DOE and has elected to retain title thereto.

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It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 15th day of January 2010

Contractor Name: UChicago Argonne, LLC

By: 

Mark D. Hilliard
Chief Patent Counsel
Argonne National Laboratory
UChicago Argonne, LLC