Form PTO-1595 (Rev. 07/05) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Tredemark Office RECORDATION FORM COVER SHEET CAR S-126,996 PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(les) UChicago Argonne, LLC Name: United States Department of Energy Internal Address: Additional name(s) of conveying party(les) attached? Yes 🗸 No 3. Nature of conveyance/Execution Date(s): Street Address: 1000 Independence Ave., S.W Execution Date(s) January 23, 2012 Assignment Merger City: Washington Security Agreement Change of Name Joint Research Agreement State: D.C. Government Interest Assignment Country: USA ✓ Executive Order 9424, Confirmatory License Other\_\_\_\_\_ Additional name(s) & address(es) attached? La Yes V No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Same of Comme Serial No. 13/246,008 Additional numbers attached? Yes ✓ No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: Involved: 1 Name: Mark P. Dvorscak 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: U. S. Dept. of Energy, IPLD Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed Street Address: 9800 S. Cass Ave None required (government Interest not affecting title) 8. Payment Information City: Argonne a. Credit Card Last 4 Numbers \_ State: IL Zip:60439 Expiration Date \_\_\_\_ Phone Number: 630-252-2393\_\_\_ b. Deposit Account Number \_\_\_\_\_ Fax Number: 630-252-2779 Authorized User Name \_\_ Email Address: 9. Signature:

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## CONFIRMATORY LICENSE

Title of Invention: METHOD FOR SPATIALLY MODULATING X-RAY PULSES

**USING MEMS-BASED X RAY OPTICS** 

Inventors: Daniel Lopez, Jin Wang, Donald Walko, Gopal Shenoy, Il-Woong

Jung, Deepkishore Mukhopadhyay

Patent Application Serial No.: 13/246,008 Filing Date: September 27, 2011

Patent Number: Issue Date:

Contractor: UChicago Argonne, LLC DOE Contract No.: DE-AC02-06CH11357

DOE Case No.: S-126,996 ANL Case No.: ANL-IN-11-021

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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Signed this 23rd day of January, 2012

Contractor Name: UChicago Argonne, LLC

Mark D. Hilliard

By:

Chief Patent Counsel

Argonne National Laboratory UChicago Argonne, LLC

PATENT REEL: 028949 FRAME: 0941

**RECORDED: 09/10/2012**