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**CAB**

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**S-119,384**

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)**

UChicago Argonne, LLC

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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Execution Date(s) September 26, 2011

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
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☒ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: United States Department of Energy

Internal Address: \_\_\_\_\_

Street Address: 1000 Independence Ave., S.W.

City: Washington

State: D.C.

Country: USA Zip: 20585

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

A. Patent Application No.(s)

Serial No. 13/081,683

☐ This document is being filed together with a new application.  
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Mark P. Dvorscak

Internal Address: U. S. Dept. of Energy, IPLD

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Phone Number: 630-252-2393

Fax Number: 630-252-2779

Email Address: \_\_\_\_\_

**6. Total number of applications and patents Involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**

- ☐ Authorized to be charged by credit card  
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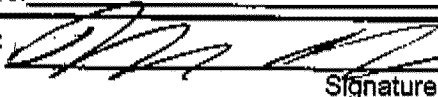
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**PATENT**

**REEL: 027249 FRAME: 0714**

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## CONFIRMATORY LICENSE

Title of Invention: RF MEMS Capacitive Switches with High Reliability

Inventors: Charles L. Goldsmith, Orlando H. Auciello, John A. Carlisle,  
Suresh Sampath, Anirudha V. Sumant, Robert W. Carpick, James  
Hwang, Derrick C. Mancini, Chris Gudeman

Patent Application Serial No.: 13/081,683

Filing Date: April 7, 2011

Patent Number:

Issue Date:

Contractor: UChicago Argonne, LLC

DOE Contract No.: DE-AC02-06CH11357

DOE Case No.: S-119,384

ANL Case No.: ANL-IN-09-053

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Signed this 26<sup>th</sup> day of September, 2011

Contractor Name: UChicago Argonne, LLC

By: 

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