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OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
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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)**

Brookhaven Science Associates, LLC

Additional name(s) of conveying party(ies) attached?  Yes  No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) March 27, 2014

- 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: WashingtonState: D.C.Country: USA Zip: 20585Additional name(s) & address(es) attached?  Yes  No**4. Application or patent number(s):**

A. Patent Application No.(s)

Serial No. 14/115,308 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: Michael J. DobbsInternal Address: U. S. Dept. of Energy, IPLDStreet Address: 9800 S. Cass AveCity: ArgonneState: IL Zip: 60439Phone Number: 630-252-2164Fax Number: 630-252-2779Email Address: Confirmatory.License@ch.doe.gov**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**

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**9. Signature:**

Signature

6/5/2014

Date

John D. Cravero #71,245

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**2**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, V.A. 22313-1450**PATENT****REEL: 033153 FRAME: 0287**

700515776

DOE Docket No.:  
**S-Unassigned**

### CONFIRMATORY LICENSE

Application for: **Shaper Design in CMOS for High Dynamic Range**  
Inventor(s): **Gianluigi De Geronimo, et al.**  
Provisional Serial No.: **14/115,308**  
Filing Date (U.S.): **11/01/2013**  
Contract No.: **DE-AC02-98CH-10886**  
Contractor: **Brookhaven Science Associates, LLC**

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (executed on January 5, 1998) 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 to have practiced for 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 agreement 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 27<sup>th</sup> day of March, 2014.

BROOKHAVEN SCIENCE ASSOCIATES, LLC/  
BROOKHAVEN NATIONAL LABORATORY

By 

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