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S-134,525

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 07/08/2014

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Name: United States Department of Energy

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

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4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

14/163,723

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James B. Potts

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

Street Address: 9800 S. Cass Ave

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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
☐ Authorized to be charged to deposit account
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☒ None required (government interest not affecting title)

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Signature [Signature]

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James B. Potts #58.316
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: **2**

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DOE Case No: S-134,525
BA-783

CONFIRMATORY LICENSE

Application for: METHODS AND APPARATUSES FOR SELF-GENERATING FAULT
TOLERANT KEYS IN SPREAD-SPECTRUM SYSTEMS
Inventor(s): Hussein Moradi; Behrouz Farhang; Vijayarangam Subramanian
Serial No.: 14/163,723
Filing Date (U.S.): 1/24/2014
DOE Contract No.: DE-AC07-05ID14517
Contractor: Battelle Energy Alliance, LLC

The invention identified above is a "Subject Invention" under the above-numbered contract with Battelle Energy Alliance, LLC. A copy of the provisions of the above-numbered contract 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 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 License 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 8 day of July, 2014.

BATTELLE ENERGY ALLIANCE, LLC

By: 

Steven T. McMaster
Director, Technology Deployment
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