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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE		
CONVEYING PARTY	DATA			
		Name	Execution Date	
BATTELLE ENERGY ALLIANCE/IDA		DAHO NAT'L LAB	10/12/2016	
RECEIVING PARTY	ΟΑΤΑ			
Name:	UNITED	UNITED STATES DEPARTMENT OF ENERGY		
Street Address:	1000 INE	1000 INDEPENDENCE AVE. S.W.		
City:	WASHIN	WASHINGTON		
State/Country:	D.C.	D.C.		
Postal Code:	20585	20585		
Application Number:	: 1	5195313		
using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 2:	(6 <i>if provided;</i> (6 C e: T 9 IF	630)252-2779 the e-mail address first; if that is unsucces if that is unsuccessful, it will be sent via U 630) 252-2137 onfirmatory.License@science.doe.gov IMOTHY L HARNEY 800 S. CASS AVE PLD EMONT JULINOIS 60439		
Fax Number: <i>Correspondence will</i> <i>using a fax number, 1</i> Phone: Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	(6 <i>if provided;</i> (6 e: T 9 IF L	the e-mail address first; if that is unsuccess if that is unsuccessful, it will be sent via U 530) 252-2137 onfirmatory.License@science.doe.gov IMOTHY L HARNEY 800 S. CASS AVE PLD EMONT, ILLINOIS 60439		
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DOE Case No: S-135, 508 BA-799

CONFIRMATORY LICENSE

 Application for: METHODS OF FORMING SILICON CARBIDE BY SPARK PLASMA SINTERING, METHODS OF FORMING ARTICLES INCLUDING SILICON CARBIDE BY SPARK PLASMA SINTERING, AND RELATED STRUCTURES
Inventor(s): Michael P. Bakas, Henry S. Chu, Robert C. O'Brien, Steven K. Cook Serial No.: 15/195,313
Filing Date (U.S.): June 28, 2016
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.

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The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this $13^{\frac{1}{2}}$ day of October, 2016.

BATTELLE ENERGY ALLIANCE, LLC

dan. Jason C. Stolworthy

Director, Technology Deployment P. O. Box 1625 Idaho Falls, ID 83415-3790

RECORDED: 02/06/2019