

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4262600

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE	
CONVEYING PARTY DATA		
	Name	Execution Date
	SANDIA CORPORATION	01/26/2017
RECEIVING PARTY DATA		
Name:	U.S. DEPARTMENT OF ENERGY	
Street Address:	1000 INDEPENDNCE AVE., SW	
City:	WASHINGTON	
State/Country:	D.C.	
Postal Code:	20585	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14942304
CORRESPONDENCE DATA		
Fax Number:	(202)586-7127	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Email:	brenda.banks@hq.doe.gov	
Correspondent Name:	BRENDA K. BANKS	
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Address Line 4:	WASHINGTON, D.C. 20585	
NAME OF SUBMITTER:	BRENDA K. BANKS	
SIGNATURE:	/Brenda K. Banks/	
DATE SIGNED:	02/07/2017	
Total Attachments: 1		
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CONFIRMATORY LICENSE

Application for: **METHOD AND SYSTEMS FOR DETERMINING
SUBTERRANEAN FRACTURE CLOSURE**
Application No.: **14/942,304**
Inventors: **Chad Cannan, Lewis C. Bartel, Terry Palisch, David Aldridge, Todd
Ropper, Steve Savoy and Daniel R. Mitchell**
Filing Date: **November 16, 2015**
Contract No.: **DE-AC04-94AL85000**
Contractor: **Sandia Corporation**

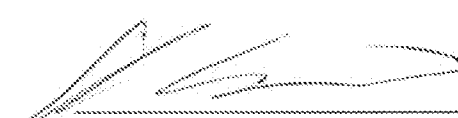
The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract certified on January 9, 1996, governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U. S. Department 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 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 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.

Date: 1/25/17


Kerry Kampschmidt
Senior Managing IP Counsel
Legal Technology Transfer Center, 11500

If the invention was made under a subcontract, please identify the Prime Contractor:

_____, Prime Contract No. _____