504353103 05/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4399792

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
SANDIA CORPORATION	04/19/2017

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:	15279706

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	BRENDA K. BANKS
SIGNATURE:	/BRENDA K. BANKS/
DATE SIGNED:	05/05/2017

Total Attachments: 1

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PATENT 504353103 REEL: 042250 FRAME: 0855

CONFIRMATORY LICENSE

SECURE FIBER OPTIC SEALS ENABLED BY QUANTUM OPTICAL COMMUNICATION CONCEPTS
Mohan Sarovar, David Farley, Daniel B.S. Soh, Ryan Camacho, and

Inventor(s): Mohan Sarovar,

Constantin Brif

Serial Number: 15/279,706

Contract No.:

Filing Date: September 29, 2016

Contractor: Sandia Corporation

DE-AC04-94AL85000

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: Madelynne J. Farber
Senior Patent & Licensing Attorney
Legal Technology Transfer Center

> PATENT REEL: 042250 FRAME: 0856

RECORDED: 05/05/2017