504656751 11/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4703473

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

CONVEYING PARTY DATA

Name	Execution Date
NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC	09/23/2017

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:	15684560

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	BRENDA K. BANKS
SIGNATURE:	/Brenda K. Banks/
DATE SIGNED:	11/27/2017

Total Attachments: 1

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PATENT 504656751 REEL: 044222 FRAME: 0869

Docket No.: \$147472/SD14293.1

CONFIRMATORY LICENSE

Application for: DUAL-BAND GPS ANTENNA WITH HORIZONTAL POLARIZATION Inventor(s): Dylan Andrew Crocker, Bernd H. Strassner II and Troy Satterthwait Serial Number: 15/684,560 Filing Date: 8/23/2017 Contract No.: DE-NA0003525 Contractor: National Technology & Engineering Solutions of Sandia, LLC The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract effective on May 1, 2017, 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 aboveidentified 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. Kerry Kampschmidt Chief IP Counsel Legal Technology Transfer Center, 11500 If the invention was made under a subcontract, please identify the Prime Contractor:

, Prime Contract No.

RECORDED: 11/27/2017

PATENT REEL: 044222 FRAME: 0870