505203435 11/26/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5250203

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

CONVEYING PARTY DATA

Name	Execution Date
BATTELLE ENERGY ALLIANCE/IDAHO NAT'L LAB	01/24/2018

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY	
Street Address:	1000 INDEPENDENCE AVE. S.W.	
City:	WASHINGTON	
State/Country:	D.C.	
Postal Code:	20585	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15851442

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ATTORNEY DOCKET NUMBER:	15/851,442 PSL
NAME OF SUBMITTER:	PAULA S LEON
SIGNATURE:	/Paula S Leon/
DATE SIGNED:	11/26/2018

Total Attachments: 1

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PATENT REEL: 047620 FRAME: 0117

DOE Case No: S-145,667

iEdison No.: 4275801-17-0003 BA-937

CONFIRMATORY LICENSE

Application for:

SENSOR SYSTEM AND IMPLEMENTATION OF THE SAME

Inventor(s):

Vivek Agarwal, John Buttles, Ahmad Y Al Rashdan

Serial No.:

15/851,442

Filing Date (U.S.): DOE Contract No.:

December 21, 2017 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 Z4 day of January, 2018.

BATTELLE ENERGY ALLIANCE, LLC

Ву

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PATENT REEL: 047620 FRAME: 0118

RECORDED: 11/26/2018