505981100 03/24/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6027808

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

CONVEYING PARTY DATA

Name	Execution Date
UT-BATTELLE, LLC	02/12/2020

RECEIVING PARTY DATA

Name:	U.S. DEPARTMENT OF ENERGY
Street Address:	1000 INDEPENDENCE AVE., SW
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20585

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16701279

CORRESPONDENCE DATA

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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.

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Correspondent Name: BRENDA K. BANKS

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NAME OF SUBMITTER:	BRENDA K. BANKS
SIGNATURE:	/Brenda K. Banks/
DATE SIGNED:	03/24/2020

Total Attachments: 1

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PATENT REEL: 052204 FRAME: 0191

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CONFIRMATORY LICENSE

Title:

Lightweight Inorganic Membrane Module

Inventor(s):

Brian L. Bischoff, James W. Klett, and Melanie Moses DeBusk

Serial No.:

16/701,279

Filing Date (U.S.)

December 3, 2019

Contractor:

UT-Battelle, LLC

DOE Contract No.: DE-AC05-00OR22725

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provision of the above-numbered contract (certified on 04-13-00) 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 agent 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 12 day of FEBRUARY, 2020.

UT-Battelle, LLC

Bv

Michael J. Paulus

Director, Office of Technology Transfer

What IPh_

PATENT REEL: 052204 FRAME: 0192

RECORDED: 03/24/2020