504042941 10/10/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4089602

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name Executi	
OAK RIDGE ASSOCIATED UNIVERSITIES	02/10/2016

RECEIVING PARTY DATA

Name:	UT-Battelle, LLC	
Street Address:	One Bethel Valley Road	
Internal Address:	500N, MS-6258	
City:	Oak Ridge	
State/Country:	TENNESSEE	
Postal Code:	37831-6258	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14995528

CORRESPONDENCE DATA

Fax Number: (865)574-0381

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.

Phone: (865) 574-0393

Email: warfielde@ornl.gov

Correspondent Name: EDNA I. GERGEL

Address Line 1: ONE BETHEL VALLEY ROAD

Address Line 2: 4500N, MS-6258

Address Line 4: OAK RIDGE, TENNESSEE 37831-6258

ATTORNEY DOCKET NUMBER:	3320.1 ORAU TO UTB
NAME OF SUBMITTER:	ELIZABETH WARFIELD
SIGNATURE:	/Elizabeth Warfield/
DATE SIGNED:	10/10/2016

Total Attachments: 3

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PATENT 504042941 REEL: 039975 FRAME: 0354

ASSIGNMENT AGREEMENT BETWEEN UT-BATTELLE, LLC AND ORAU

THIS AGREEMENT is by and between UT-Battelle, LLC a limited liability company organized and existing under the laws of the State of Tennessee (hereinafter "UT-BATTELLE") in accordance with its prime contract No. DE-AC05-00OR22725 (hereinafter "UT-Battelle's Prime Contract") with the U.S. Department of Energy (hereinafter DOE) and Oak Ridge Associated Universities (hereinafter "ORAU"), the not-for-profit operating contractor of the DOE's Oak Ridge Institute for Science and Education (hereinafter "ORISE") under its prime contract No. DE-AC05-06OR23100 (hereinafter "ORAU's Prime Contract") with the DOE, both being hereinafter jointly referred to as the "Parties" and singularly as a "Party."

WHEREAS:

- A. The Parties have developed technology identified in the invention disclosures, patent applications, and/or patents listed in Exhibit A (hereinafter Proprietary Rights); and
- **B.** The Parties desire that ORAU assign its undivided right, title, and interest to the Proprietary Rights to UT-BATTELLE to place ownership of all Proprietary Rights in a single Party, thereby promoting effective and successful commercialization of Proprietary Rights.

NOW THEREFORE THE PARTIES AGREE AS FOLLOWS:

- 1. In consideration of good and valuable consideration including, but not limited to the promises contained in the Memorandum of Agreement between UT-BATTELLE and ORAU executed September 20, 2001 the receipt and sufficiency of such consideration being hereby acknowledged, ORAU by these presents does hereby sell, assign, transfer and set over unto UT-BATTELLE, its successors, legal representatives and assigns, its entire right, title, and interest (if any) in, to, and under the Proprietary Rights.
- 2. UT-BATTELLE shall share with ORAU portions of royalties UT-BATTELLE receives from licensees, if any, of the Proprietary Rights in accordance with the aforesaid Memorandum of Agreement.
- 3. UT-BATTELLE shall obligate any licensees of the Proprietary Rights to indemnify ORAU for any liability arising from the making, using, importing or selling of a product, process or service by or on behalf of the Licensee, its assignees or licensees which was derived from the Proprietary Rights, except for any negligent acts or omissions of ORAU.
- 4. UT-BATTELLE shall obligate any licensees of the Proprietary Rights as listed in Exhibit A to comply with all U.S. export control laws and regulations applicable to the export of the Proprietary Rights.
- 5. ORAU makes no warranties or representations of any kind regarding the Proprietary Rights.
- 6. The effective date of this agreement is January 25, 2016 and it shall run to and terminate upon the end of the life of the last-to-expire Proprietary Rights of Exhibit A.

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In witness whereof the Parties have executed this agreement below:

UT-BATTELLE, LLC
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By: // //
Name: Marc T. Filigenzi
Title: IP Managing Attorney
Date: 1/26/2016
OAK RIDGE ASSOCIATED UNIVERSITIES
By: Rachel & Lasking
Name: Ivan-A. Boatner Rachel F Lokite
Title: Associ
Date: 2/10/10

EXHIBIT A, PROPRIETARY RIGHTS

UT-B		Contract	Inventors		
Docket No.	Title (Patent Appl. No., Patent No.)	Type & No.	UT-Battelle	ORAU	Others
3320.1	Nanoporous Graphene Membrane for	DE-AC05-00OR22725,	Shannon M. Mahurin	Sumedh P. Surwade	Sergei Smirnov
	Desalination of Salt Water	DE-AC05-06OR23100	Ivan Vlassiouk		, i
	(Patent Appl. No.: 14/995,528)		Sheng Dai		
			Raymond R. Unocic		

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