PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Ν	lame	Execution Date		
Oak Ridge Associated Universities				11/12/2012		
RECEIVING PARTY DA	ATA					
Name:	UT-Battelle, Ll	LC				
Street Address:	One Bethel Va	alley Ro	ad			
Internal Address:	4500N, MS-62	258				
City:	Oak Ridge					
State/Country:	TENNESSEE					
Postal Code:	37831-6258					
			Numekan			
Property Ty			Number			
Application Number: 13596		13596	792			
CORRESPONDENCE I	DATA					
Fax Number:	8655740					
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.						
Phone: (865) 574-0393 Email: vanceke@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:			2815 ORAU TO UTB			
NAME OF SUBMITTER:		Karen E. Vance				
Total Attachments: 4 source=2815 ORAU to source=2815 ORAU to source=2815 ORAU to source=2815 ORAU to	UTB Assignmer UTB Assignmer	nt#page nt#page	2.tif 3.tif			

Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

Oak Ridge Associated Universities Name Additional name(s) of conveying party(ies) attached? Yes Yes No 3. Nature of conveyance/Execution Date(s): Street	ord the attached documents or the new address(es) below. Jame and address of receiving party(ies) me: UT-Battelle, LLC ernal Address: 4500N, MS-6258
Oak Ridge Associated Universities Name Additional name(s) of conveying party(ies) attached? Yes Yes No 3. Nature of conveyance/Execution Date(s): Street	me: UT-Battelle, LLC
Oak Ridge Associated Universities Integrad Additional name(s) of conveying party(ies) attached? Yes V No 3. Nature of conveyance/Execution Date(s): Street	
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Street	ernal Address: 4500N, MS-6258
3. Nature of conveyance/Execution Date(s): Stre	
	eet Address: One Bethel Valley Road
Execution Date(s) <u>11/12/2012</u>	
✔ Assignment Merger ☐ Security Agreement ☐ Change of Name	y: Oak Ridge
	ate: TN
Government Interest Assignment	untry: <u>USA</u> Zip: <u>37831-6258</u>
Other Addi	litional name(s) & address(es) attached? 🗌 Yes 🔽 No
	ument is being filed together with a new application. B. Patent No.(s) d? Yes VNo
	otal number of applications and patents olved: 1
Name: Edna I. Gergel	Fotal fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: UT-Battelle, LLC	Authorized to be charged by credit card
Street Address: One Bethel Valley Road	Enclosed
4500N, MS-6258] None required (government interest not affecting title)
City: Oak Ridge 8. F	Payment Information
State: <u>TN</u> Zip: <u>37831-6258</u>	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: <u>(865) 574-0393</u>	
Fax Number:574-0381	b. Deposit Account Number <u>13-1958</u>
Email Address: gergelei@ornl.gov	Authorized User Name Karen E. Bowman
9. Signature: /Edna I. Gergel/	11/15/2012
Signature	Date
Edna I. Gergel, Reg. No. 50,819 Name of Person Signing Documents to be recorded (including cover sheet) shou	Total number of pages including cover 4 sheet, attachments, and documents:

PATENT REEL: 029301 FRAME: 0119

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 November 5, 2012 and it shall run to and terminate upon the end of the life of the last-to-expire Proprietary Rights of Exhibit A.

In witness whereof the Parties have executed this agreement below:

UT-BATTELLE, LLC

By:	Jerekon alfget Anna
Name:	/ Kudson R. Hightower
Title:	IP Managing Attorney
Date:	<u> </u>

OAK RIDGE ASSOCIATED UNIVERSITIES

By:	Rachel Rokitz
Name:	Rachel Lokitz
Title:	Associate General Counsel
Date:	W/ia/ia

EXHIBIT A, PROPRIETARY RIGHTS

UT-B Docket No.		Contract	Inventors		
	Title (Patent Appl. No., Patent No.)	Туре & No.	UT-Battelle	ORAU	Others
Docket 2815.0	Superhydrophobic Films and Methods for Making Superhydrophobic Films (Patent Appl. No. 13/596,792)	DE-AC05-00OR22725 DE-AC05-06OR23100	Tolga Aytug Mariappan Parans Paranthaman John T. Simpson	Daniela F. Bogorin	

v. 02/27/2003

RECORDED: 11/15/2012

3 of 3

PATENT REEL: 029301 FRAME: 0122