

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Oak Ridge Associated Universities	07/12/2013
RECEIVING PARTY DATA	
Name:	UT-Battelle, LLC
Street Address:	One Bethel Valley Road
Internal Address:	4500N, MS-6258
City:	Oak Ridge
State/Country:	TENNESSEE
Postal Code:	37831-6258
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13912462
CORRESPONDENCE DATA	
Fax Number:	8655740381
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(865) 574-4179
Email:	vanceke@oml.gov
Correspondent Name:	Colin L. Cini
Address Line 1:	One Bethel Valley Road
Address Line 2:	4500N, MS-6258
Address Line 4:	Oak Ridge, TENNESSEE 37831-6258
ATTORNEY DOCKET NUMBER:	2759.1 ORAU TO UTB
NAME OF SUBMITTER:	Karen E. Vance
Signature:	/KE Vance/
Date:	07/17/2013

CH \$40.00 13912462

Total Attachments: 4

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
Oak Ridge Associated Universities

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: UT-Battelle, LLC
Internal Address: 4500N, MS-6258
Street Address: One Bethel Valley Road
City: Oak Ridge
State: TN
Country: USA Zip: 37831-6258

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) 07/12/2013

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.

A. Patent Application No.(s)
13/912,462

Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: Colin L. Cini
Internal Address: UT-Battelle, LLC
Street Address: One Bethel Valley Road
4500N, MS-6258
City: Oak Ridge
State: TN Zip: 37831-6258
Phone Number: (865) 574-4179
Fax Number: (865) 574-0381
Email Address: cinicl@ornl.gov

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 13-1958
Authorized User Name Joseph A. Marasco

9. Signature: _____ /Colin L. Cini/ _____ 07/17/2013
Signature Date

Colin L. Cini, Reg. No. 51,563
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

**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 July 2, 2013 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: Judson R. Hightower
Name: Judson R. Hightower
Title: IP Managing Attorney
Date: 7/5/2013

OAK RIDGE ASSOCIATED UNIVERSITIES

By: Ivan A. Boatner
Name: Ivan A. Boatner
Title: General Counsel
Date: 7/12/13

EXHIBIT A, PROPRIETARY RIGHTS

UT-B Docket No.	Title (Patent Appl. No., Patent No.)	Contract Type & No.	Inventors		
			UT-Battelle	ORAU	Others
2759.1	EGR Distribution and Fluctuation Probe Based on CO2 Measurements Patent Appl. No.: 13/912,462	DE-AC05-00OR22725, DE-AC05-06OR23100	William P. Partridge James E. Parks, II	Ji Hyung Yoo	