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:	ne 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:	13654152

CORRESPONDENCE DATA

Fax Number: 8655740381

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (865) 574-0393 Email: warfielde@ornl.gov Edna I. Gergel Correspondent Name:

Address Line 1: One Bethel Valley Road Address Line 2: 4500N, MS-6258

Address Line 4: Oak Ridge, TENNESSEE 37831-6258

ATTORNEY DOCKET NUMBER:	2672.1 ORAU TO UTB
NAME OF SUBMITTER:	Elizabeth Warfield
Signature:	/Elizabeth Warfield/
Date:	07/24/2013
	PATENT

REEL: 030870 FRAME: 0415 502432593

Total Attachments: 4

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PATENT REEL: 030870 FRAME: 0416 Form **PTO-1595** (Rev. 03-11) OMB No. 0651-0027 (exp. 04/30/2015)

RECORDATION FO	ORM COVER SHEET	
PATENT	SONLY	
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
	Name: UT-Battelle, LLC	
Oak Ridge Associated Universities	Internal Address: 4500N, MS-6258	
Additional name(s) of conveying party(ies) attached? Yes No		
3. Nature of conveyance/Execution Date(s):	Street Address: One Bethel Valley Road	
Execution Date(s)07/12/2013 Assignment Merger		
	City: Oak Ridge	
Security Agreement Change of Name		
Joint Research Agreement	State: TN	
Government Interest Assignment	Country: USA Zip: 37831-6258	
Executive Order 9424, Confirmatory License		
Other	Additional name(s) & address(es) attached? Yes No	
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)	
13/654,152		
Additional numbers at	ached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Edna I. Gergel	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: 4500N, MS-6258	7. Total 100 (67 61 K 1.21(II) & 6.41) \$\psi \frac{4.000}{4.000}\$	
	X Authorized to be charged to deposit account	
Street Address: One Bethel Valley Road	Enclosed	
Offeet Address. One Better Valley Hoad	None required (government interest not affecting title)	
City: Oak Ridge	8. Payment Information	
State: TN Zip: 37831-6258		
Phone Number: 865-574-0393		
Docket Number: 0683.0	Deposit Account Number 13-1958	
Email Address: gergelei@ornl.gov	Authorized User Name Elizabeth Warfield	
9. Signature:		
/Edna I. Gergel/ Signature	07/24/2013 Date	
•	Total number of pages including cover	
Edna I. Gergel Name of Person Signing	sheet, attachments, and documents:	
Documents to be recorded (including cover shee	t) should be faxed to (571) 273-0140, or mailed to: f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

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REEL: 030870 FRAME: 0417

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 June 29, 2013 and it shall run to and terminate upon the end of the life of the last-to-expire Proprietary Rights of Exhibit A.

v. 02/27/2003

PATENT REEL: 030870 FRAME: 0418 UT-BATTELLE, LLC

In witness whereof the Parties have executed this agreement below:

By:

Name: Judson R. Hightower

Title: IP Managing Attorney

Date: 7/3/20/3

OAK RIDGE ASSOCIATED UNIVERSITIES

By: A Boutoner

Title: General Counsel

Date:

EXHIBIT A, PROPRIETARY RIGHTS

UT-B		Contract	Inventors		
Docket No.	Title (Patent Appl. No., Patent No.)	Type & No.	UT-Battelle	ORAU	Others
2672.1	Scenario Driven Data Modelling: A Method for Integrating Diverse Sources of Data and Data Streams Patent Appl. No.: 13/654,152	DE-AC05-00OR22725, DE-AC05-06OR23100	Thomas S. Brettin Robert W. Cottingham	Shelton D. Griffith Daniel J. Quest	

v. 02/27/2003

RECORDED: 07/24/2013

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