501779210 01/09/2012

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	09/23/2011

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:	13030260

CORRESPONDENCE DATA

Fax Number: (865)574-0381 Phone: (865) 574-4178 Email: bowmanke@oml.gov

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Joseph A. Marasco One Bethel Valley Road Address Line 1: Address Line 2: 4500N, MS-6258

Address Line 4: Oak Ridge, TENNESSEE 37831-6258

ATTORNEY DOCKET NUMBER:	2338 ORAU TO UTB
NAME OF SUBMITTER:	Karen E. Bowman

Total Attachments: 4

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> **PATENT** REEL: 027498 FRAME: 0282

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

	ORM COVER SHEET
	se record the attached documents or the new address(es) below.
Name of conveying party(ies) Oak Ridge Associated Universities	2. Name and address of receiving party(ies) Name: UT-Battelle, LLC Internal Address: 4500N, MS-6258
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 09/23/2011 Assignment Merger	Street Address: One Bethel Valley Road
Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	City: Oak Ridge State: TN Country: USA Zip:37831-6258 Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s): This of the Application No.(s) 13/030,260 Additional numbers att	document is being filed together with a new application. B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Joseph A. Marasco	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: UT-Battelle, LLC	Authorized to be charged by credit card Authorized to be charged to deposit account
Street Address: One Bethel Valley Road 4500N, MS-6258	Enclosed None required (government interest not affecting title)
	8. Payment Information
City: Oak Ridge State: TN Zip:37831-6258	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: (865) 574-4178	b. Deposit Account Number 13-1958
Fax Number: (865) 574-0381 Email Address: marascoja@ornl.gov	Authorized User Name Karen E. Bowman
9. Signature: /Joseph A. Marasco/ Signature Joseph A. Marasco, Reg. No. 32,798 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 027498 FRAME: 0283

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 September 7, 2011 and it shall run to and terminate upon the end of the life of the last-to-expire Proprietary Rights of Exhibit A.

1 of 3

In witness whereof the Parties have executed this agreement below:

UT-BAT	TELLE, LLC
By:	Jedon P. History
Name:	Judson R. Hightower
Title:	IP Managing Attorney
Date:	9/22/2011
OAK RII	DGE ASSOCIATED UNIVERSITIES
Зу:	M-huns
Vame:	Ivan A. Boatner
Γitle:	Vice President & General Counsel
Jate.	a 125 1

EXHIBIT A, PROPRIETARY RIGHTS

UT-B		Contract Type & No.	Inventors		
Docket No.	Title (Patent Appl. No., Patent No.)		UT-Battelle	ORAU	Others
2338.0	Polycrystalline Ferroelectric or Multiferroic Oxide Articles on Biaxially Textured Substrates and Methods for Making Same	DE-AC05-06OR22725, DE-AC05-06ORR3100	Amit Goyal	Junsoo Shin	

v. 02/27/2003

RECORDED: 01/09/2012

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PATENT REEL: 027498 FRAME: 0286