

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2806317

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SERGEI V. KALININ	03/19/2014
NINA BALKE	03/26/2014
ALBINA Y. BORISEVICH	03/04/2014
STEPHEN JESSE	03/26/2014
PETRO MAKSYMОВYCH	04/03/2014
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:	13566327
CORRESPONDENCE DATA	
Fax Number:	(865)574-0381
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(865) 574-4178
Email:	vanceke@ornl.gov
Correspondent Name:	JOSEPH A. MARASCO
Address Line 1:	ONE BETHEL VALLEY ROAD
Address Line 2:	4500N, MS-6258
Address Line 4:	OAK RIDGE, TENNESSEE 37831-6258
ATTORNEY DOCKET NUMBER:	2859 UTB
NAME OF SUBMITTER:	KAREN E. VANCE
SIGNATURE:	/KE Vance/
DATE SIGNED:	04/09/2014
Total Attachments: 6	

PATENT

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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)
 Sergei V. Kalinin Petro Maksymovych
 Nina Balke
 Albina Y. Borisevich
 Stephen Jesse

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) 04/03/2014

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)
13/566,327

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Joseph A. Marasco
 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) 574-4178
 Fax Number: (865) 574-0381
 Email Address: marascoja@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 Karen E. Bowman

9. Signature: _____ /Joseph A. Marasco/ _____ 04/09/2014
 Signature Date

Joseph A. Marasco, Reg. No. 32,798
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

ASSIGNMENT

WHEREAS, we the below-named inventors whose residences are as stated below, have an interest in an invention entitled:

Real Space Mapping of Oxygen Vacancy Diffusion and Electrochemical Transformations by Hysteretic Current Reversal Curve Measurements

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 13/566,327 filed on August 3, 2012 and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring our entire right, title and interest of the undersigned in the same;

NOW, THEREFORE, in accordance with the terms of our employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign and transfer to ASSIGNEE and its successors in interest our entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or patent applications therefor on the Subject Invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

Name of Inventor: Sergei V. Kalinin

Signature: [Handwritten Signature] Date: 03/19/2014

Residence: 1925 Winding Ridge Trail, Knoxville, Tennessee 37922

Name of Inventor: Nina Balke

Signature: _____ Date: _____

Residence: 305 Mayflower Drive Knoxville, Tennessee 37920

Name of Inventor: Albina Y. Borisevich

Signature: _____ Date: _____

Residence: 1925 Winding Ridge Trail, Knoxville, Tennessee 37922

Name of Inventor: Stephen Jesse

Signature: _____ Date: _____

Residence: 12238 Springside Lane, Knoxville, Tennessee 37922

Name of Inventor: Petro Maksymovych

Signature: _____ Date: _____


Residence: 1530 Centervue Crossing Way, Apt. 207, Knoxville, Tennessee 37932

Name of Inventor: **Sergei V. Kalinin**

Signature: _____ Date: _____

Residence: 1925 Winding Ridge Trail, Knoxville, Tennessee 37922

Name of Inventor: **Nina Balke**

Signature:  _____ Date: 03/26/2014

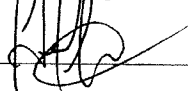
Residence: 305 Mayflower Drive Knoxville, Tennessee 37920

Name of Inventor: **Albina Y. Borisevich**

Signature: _____ Date: _____

Residence: 1925 Winding Ridge Trail, Knoxville, Tennessee 37922

Name of Inventor: **Stephen Jesse**

Signature:  _____ Date: 03/26/2014

Residence: 12238 Springside Lane, Knoxville, Tennessee 37922

Name of Inventor: **Petro Maksymovych**

Signature: _____ Date: _____

Residence: 1530 Centervue Crossing Way, Apt. 207, Knoxville, Tennessee 37932

Name of Inventor: **Sergei V. Kalinin**

Signature: _____ Date: _____


Residence: 1925 Winding Ridge Trail, Knoxville, Tennessee 37922

Name of Inventor: **Nina Balke**

Signature: _____ Date: _____

Residence: 305 Mayflower Drive Knoxville, Tennessee 37920

Name of Inventor: **Albina Y. Borisevich**

Signature:  / Albina Y. Borisevich Date: 03/04/2014

Residence: 1925 Winding Ridge Trail, Knoxville, Tennessee 37922

Name of Inventor: **Stephen Jesse**

Signature: _____ Date: _____

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Signature: _____ Date: _____

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Name of Inventor: **Sergei V. Kalinin**

Signature: _____ Date: _____

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Name of Inventor: **Nina Balke**

Signature: _____ Date: _____

Residence: 305 Mayflower Drive Knoxville, Tennessee 37920

Name of Inventor: **Albina Y. Borisevich**

Signature: _____ Date: _____

Residence: 1925 Winding Ridge Trail, Knoxville, Tennessee 37922

Name of Inventor: **Stephen Jesse**

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Residence: 12238 Springside Lane, Knoxville, Tennessee 37922

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Signature:  Date: 04/03/2014

Residence: 1530 Centervue Crossing Way, Apt. 207, Knoxville, Tennessee 37932