

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2758382

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>CHENGDU LIANG</td> <td>02/07/2014</td> </tr> <tr> <td>NANCY J. DUDNEY</td> <td>02/12/2014</td> </tr> <tr> <td>JONG KAHK KEUM</td> <td>02/11/2014</td> </tr> <tr> <td>ADAM J. RONDINONE</td> <td>02/11/2014</td> </tr> </tbody> </table>		Name	Execution Date	CHENGDU LIANG	02/07/2014	NANCY J. DUDNEY	02/12/2014	JONG KAHK KEUM	02/11/2014	ADAM J. RONDINONE	02/11/2014
Name	Execution Date										
CHENGDU LIANG	02/07/2014										
NANCY J. DUDNEY	02/12/2014										
JONG KAHK KEUM	02/11/2014										
ADAM J. RONDINONE	02/11/2014										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14104803</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14104803						
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Application Number:	14104803										
CORRESPONDENCE DATA											
Fax Number:	(865)574-0381										
Phone:	(865) 574-4178										
Email:	vanceke@ornl.gov										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
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:	3089.0 UTB										
NAME OF SUBMITTER:	KAREN E. VANCE										

Signature:	/KE Vance/
Date:	03/07/2014
Total Attachments: 6 source=3089 UTB Assignment#page1.tif source=3089 UTB Assignment#page2.tif source=3089 UTB Assignment#page3.tif source=3089 UTB Assignment#page4.tif source=3089 UTB Assignment#page5.tif source=3089 UTB Assignment#page6.tif	

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)
 Chengdu Liang
 Nancy J. Dudney
 Jong Kahk Keum
 Adam J. Rondinone

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) 02/12/2014

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)
14/104,803

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/ _____ 03/07/2014
 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:

High Conducting Oxide – Sulfide Composite Lithium Superionic Conductor

(hereinafter referred to as “Subject Invention”) for which are described in United States Patent Application No. 14/104,803 filed on December 12, 2013, 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: **Chengdu Liang**

Signature: Chengdu Liang Date: 2/7/2014

Residence: 11600 Cassidy Lane, Knoxville, Tennessee 37934

Name of Inventor: **Nancy J. Dudney**

Signature: _____ Date: _____

Residence: 11634 South Monticello Drive, Knoxville, Tennessee 37934

Name of Inventor: **Jong Kahk Keum**

Signature: _____ Date: _____

Residence: 646 Farragut Commons Drive, Farragut, Tennessee 37934

Name of Inventor: **Adam J. Rondinone**

Signature: _____ Date: _____

Residence: 1915 Northwood Drive, Knoxville, Tennessee 37923

Name of Inventor: **Chengdu Liang**

Signature: _____ Date: _____

Residence: 11600 Cassidy Lane, Knoxville, Tennessee 37934

Name of Inventor: **Nancy J. Dudney**

Signature: *Nancy J. Dudney* Date: *Feb 12, 2014*

Residence: 11634 South Monticello Drive, Knoxville, Tennessee 37934

Name of Inventor: **Jong Kahk Keum**

Signature: _____ Date: _____

Residence: 646 Farragut Commons Drive, Farragut, Tennessee 37934

Name of Inventor: **Adam J. Rondinone**

Signature: _____ Date: _____

Residence: 1915 Northwood Drive, Knoxville, Tennessee 37923

Name of Inventor: **Chengdu Liang**

Signature: _____ Date: _____

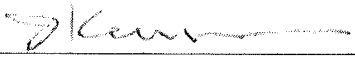
Residence: 11600 Cassidy Lane, Knoxville, Tennessee 37934

Name of Inventor: **Nancy J. Dudney**

Signature: _____ Date: _____

Residence: 11634 South Monticello Drive, Knoxville, Tennessee 37934

Name of Inventor: **Jong Kahk Keum**

Signature:  _____ Date: 2/11/2014

Residence: 646 Farragut Commons Drive, Farragut, Tennessee 37934

Name of Inventor: **Adam J. Rondinone**

Signature: _____ Date: _____

Residence: 1915 Northwood Drive, Knoxville, Tennessee 37923

Name of Inventor: Chengdu Liang

Signature: _____ Date: _____

Residence: 11600 Cassidy Lane, Knoxville, Tennessee 37934

Name of Inventor: Nancy J. Dudney

Signature: _____ Date: _____

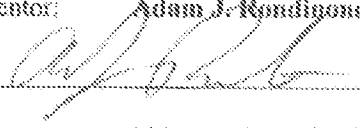
Residence: 11634 South Monticello Drive, Knoxville, Tennessee 37934

Name of Inventor: Jong Kabk Keum

Signature: _____ Date: _____

Residence: 646 Farragut Commons Drive, Farragut, Tennessee 37934

Name of Inventor: Adam J. Rondinone

Signature:  _____ Date: 2-10-14

Residence: ~~1915 Northwood Drive, Knoxville, Tennessee 37923~~
725 Lake Vista Ln 37934