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PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version	V 1.2					
SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	′ DATA		1			
			Name	Execution Date		
EZHIYLMURUGAN RANGASAMY				02/07/2014		
RECEIVING PARTY	DATA					
Name:	Oak Ridge Ass	ociated	d Universities			
Street Address:	120 Badger Av	120 Badger Avenue				
City:	Oak Ridge					
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Postal Code:	37830					
Fax Number: (865)574-0381 Phone: (865) 574-4178 Email: vanceke@oml.gov Correspondence will be sent via US Mail when the email attempt is unsuccessful. 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 ORAU				
NAME OF SUBMITTER:		KAREN E. VANCE				
Signature:			/KE Vance/			
Date:			03/07/2014			
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PATENT REEL: 032378 FRAME: 0603

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

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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)	2. Name and address of receiving party(ies)					
Ezhiylmurugan Rangasamy	Name: Oak Ridge Associated Universities					
	Internal Address:					
Additional name(s) of conveying party(ies) attached? Yes No						
3. Nature of conveyance/Execution Date(s): Execution Date(s) 2/7/2014	Street Address: 120 Badger Avenue					
✓ Assignment Merger						
Security Agreement Change of Name	City: Oak Ridge					
Joint Research Agreement	State: TN					
Government Interest Assignment						
Executive Order 9424, Confirmatory License	Country: USA Zip: 37830					
Other	Additional name(s) & address(es) attached? Yes Vo					
4. Application or patent number(s):Image: This document is being filed together with a new applicationA. Patent Application No.(s)B. Patent No.(s)						
14/104,803						
Additional numbers att	tached? Yes V No					
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	Enclosed					
4500N, MS-6258	None required (government interest not affecting title)					
City: Oak Ridge	8. Payment Information					
State: TNZip:37831-6258	a. Credit Card Last 4 Numbers Expiration Date					
Phone Number: (865) 574-4178						
Fax Number: (865) 574-0381	b. Deposit Account Number 13-1958 Authorized User Name Karen E. Bowman					
Email Address: marascoja@ornl.gov						
9. Signature: /Joseph A. Marasco/	03/07/2014					
Signature	Date					
<u>Joseph A. Marasco, Reg. No. 32798</u> Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:					

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ASSIGNMENT

WHEREAS, I the below-named co-inventor whose residences is 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, Oak Ridge Associated Universities, the not-for-profit operating contractor of the U.S. Department of Energy's Oak Ridge Institute for Science and Education under it prime contract No. DE-AC05-06OR23100, having an address at 100 ORAU Way, Post Office Box 117, Mail Stop 27, Oak Ridge, Tennessee 37831-0117, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in accordance with the terms of my employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to ASSIGNEE my 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 applications therefor on the Subject Invention.

I 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, I 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.

I 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 me, my heirs, legal representatives, and assigns.

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Name of Inventor:

Ezhiylmurugan Rangasamy

Signature: R Eghiyl Murgan Date: 2/7/2014

Residence:

180 Waterview Drive, Apt 117, Oak Ridge, Tennessee - 37830

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