

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY	08/14/2014
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US2013049350
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	6550-000230-WO-POA
<b>NAME OF SUBMITTER:</b>	MONTE L. FALCOFF
<b>SIGNATURE:</b>	/Monte L. Falcoff/
<b>DATE SIGNED:</b>	08/25/2014
<b>Total Attachments: 2</b>	
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PATENT



**ASSIGNMENT AGREEMENT**

This assignment agreement ("Assignment") with respect to the patent identified below is entered into as of the last execution date of the signatures affixed hereto ("Effective Date") by and between the **BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY**, a university having a principal place of business at 246 Administration Building, East Lansing, Michigan 48824 ("**BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY**") and **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**, a university having a principal place of business at 1111 Franklin Street, 12<sup>th</sup> Floor, Oakland, California 94607 ("**THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**").

<b>Title:</b>	THERMOELECTRIC MATERIALS BASED ON TETRAHEDRITE STRUCTURE FOR THERMOELECTRIC DEVICES
<b>Serial Number:</b>	PCT/US2013/049350
<b>Filing Date:</b>	July 3, 2013

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the **BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY** hereby irrevocably sells, assigns and transfers to the **BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY** and **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** as joint owners (collectively "**ASSIGNEES**"), and to their respective successors, assigns and legal representatives, the **BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY's** entire right, title and interest, both legal and equitable, throughout the world, in the patent and/or patent application listed above, whether as a result of the prior assignment recorded in the U.S. Patent and Trademark Office at Reel 033250 and Frame 0931, or as otherwise obtained, and to the inventions described therein and improvements thereof, all related U.S., PCT and foreign patent applications including those claiming priority thereto anywhere in the world, all continuations, divisionals and continuations-in-part of any of the foregoing, patents issuing from any of the foregoing, and reissues, reexaminations, extensions and foreign equivalents thereof and supplementary protection certificates allowed on any of the foregoing (collectively the "**Patent Rights**") for use and enjoyment jointly by the **ASSIGNEES**, and for the use and enjoyment of their respective successors, assigns or other legal representatives. This assignment includes the right to sue for and to recover for past infringements and associated damages therefore.

Upon request of the **BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY** and **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**, the undersigned agree to execute any and all documents and take actions reasonably requested to effectuate this Assignment and **ASSIGNEES's** joint ownership rights in the Patent Rights, including any oath or affidavit relating thereto, to cooperate to the best of the ability of the undersigned with the requesting party in preparing and executing statements and giving and producing evidence in support of the Patent Rights, and to perform any and all acts reasonably requested to obtain, enforce and defend the Patent Rights and vest all joint ownership rights herein to the **ASSIGNEES**.

ASSIGNMENT AGREEMENT CONT'D

I hereby grant the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The parties execute and deliver this Assignment by their respective signatories below.

The BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY  
246 Administration Building  
East Lansing, Michigan 48824

Date: July 15, 2014

Name: *Richard Chylla*  
Richard Chylla

Signature: \_\_\_\_\_

Title: Executive Director, MSU Technologies  
on behalf of the Board of Trustees of Michigan State University

On July 15, 2014 before me,  
Reanee C. Unger (Notary Public),

personally appeared Richard Chylla, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.  
WITNESS my hand and official seal.

Notary Signature *Reanee C. Unger*

(Seal)

REANEE C. UNGER  
NOTARY PUBLIC - STATE OF MICHIGAN  
COUNTY OF SHIAWASSEE  
My Commission Expires May 14, 2018  
Acting in the County of Ingham

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

1111 Franklin Street, 12<sup>th</sup> Floor  
Oakland, California 94607

Date: August 14, 2014

Name: SANDY AUYOUNG JAIN

Signature: *Sandy Auyoung Jain*

Title: IT MANAGER

On AUGUST 14, 2014 before me,  
MARY ANNE TRACHTA (Notary Public),

personally appeared SANDY AUYOUNG JAIN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.  
WITNESS my hand and official seal.

Notary Signature *Mary Anne Trachta*

(Seal)

