

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2622117

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>CHAIWAT ENGTRAKUL</td> <td>11/08/2013</td> </tr> <tr> <td>FENG LIN</td> <td>11/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	CHAIWAT ENGTRAKUL	11/08/2013	FENG LIN	11/18/2013
Name	Execution Date						
CHAIWAT ENGTRAKUL	11/08/2013						
FENG LIN	11/18/2013						
RECEIVING PARTY DATA							
Name:	ALLIANCE FOR SUSTAINABLE ENERGY, LLC						
Street Address:	15013 DENVER WEST PARKWAY						
City:	GOLDEN						
State/Country:	COLORADO						
Postal Code:	80401						
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>13961184</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13961184		
Property Type	Number						
Application Number:	13961184						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	NREL 12-64						
NAME OF SUBMITTER:	NANCY STOVALL						
Signature:	/Nancy Stovall/						
Date:	11/20/2013						
Total Attachments: 2 source=00017711#page1.tif source=00017711#page2.tif							

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ASSIGNMENT

WHEREAS, we, Chaiwat Engtrakul and Feng Lin ("Inventors"), having invented a certain new and useful Invention entitled "**Ternary Nickel Oxide Materials for Electrochromic Devices**," an application for Letters Patent for which was filed on August 7, 2013, receiving International Application No. PCT/US13/53934 and U.S. Application No. 13/961,184, claiming priority to U.S. Provisional Application No. 61/776,886, and further claiming priority to U.S. Provisional Application No. 61/681,353; said application also being identified as **NREL ROI 12-64** ("Invention"), and;

WHEREAS, the Alliance for Sustainable Energy, LLC, of 15013 Denver West Parkway, Golden, CO 80401 USA ("Alliance"), a corporation fully organized and existing under the laws of the State of Delaware is desirous of securing the entire right, title, and interest in and to this Invention in all countries throughout the world, and in and to the application for United States Letters Patent on this Invention and the Letters Patent to be issued upon this application;

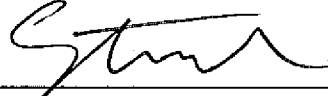
NOW THEREFORE, be it known that we, the said Inventors, for and in consideration of good and valuable consideration, the receipt of which from Alliance is hereby acknowledged, at the request of Alliance do hereby sell, assign, transfer, and set over unto the Alliance, its lawful successors, legal representatives and assigns, my entire right, title, and interest in and to this invention, provisional application (if any), and this application, and all national stage applications, divisions, continuations and continuations-in-part thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues or reexaminations thereof, and all rights to claim priority on the basis of any provisional application describing the invention, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent, Invention Registrations and Utility Models that may hereafter be filed for this invention in any foreign country and all Letters Patent, Invention Registrations and Utility Models that may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Alliance, its successors, legal representatives and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, that we are under no obligation to make any assignment of the Invention to any other party, and that we have not executed and will not execute any agreement in conflict with this Assignment;

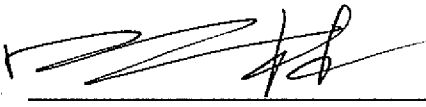
AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Alliance, its successors, legal representatives and assigns, any facts known to us respecting this Invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this Invention in Alliance, its successors, legal representatives and assigns, execute all divisional, continuation, continuation-in-part and reissue applications, make all rightful oaths and generally do everything possible to aid Alliance, its successors, legal representatives and assigns, to obtain, sustain and enforce proper patent protection for this Invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by Alliance, its successors, legal representatives and assigns;

AND, WE HEREBY authorize Alliance, its successors, legal representatives and assigns, to fill in the information above concerning the application number and filing date of the patent application filed for this Invention after the execution of this Assignment if necessary.

IN TESTIMONY WHEREOF, we have hereunto set our hands below.



Chaiwat Engtrakul 11.8.2013
Date



Feng Lin 11.18.2013
Date