

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office**CAR****RECORDATION FORM COVER SHEET  
PATENTS ONLY****S-137,411**

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)**

Alliance for Sustainable Energy, LLC

Additional name(s) of conveying party(ies) attached?  Yes  No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) December 5, 2014

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: United States Department of Energy

Internal Address: \_\_\_\_\_

Street Address: 1000 Independence Ave., S.WCity: WashingtonState: D.C.Country: USAZip: 20585Additional name(s) & address(es) attached?  Yes  No**4. Application or patent number(s):** This document is being filed together with a new application.

A. Patent Application No.(s)

Serial No. 14/213,879

B. Patent No.(s)

Additional numbers attached?  Yes  No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Michael J. DobbsInternal Address: U. S. Dept. of Energy, IPLDStreet Address: 9800 S. Cass AveCity: ArgonneState: IL Zip: 60439Phone Number: 630-252-2164Fax Number: 630-252-2779Email Address: Confirmatory.License@ch.doe.gov**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**

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**9. Signature:**

Signature

5/12/2015

Date

John D. Cravero #71,245

Name of Person Signing

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**2**Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450**PATENT****REEL: 035763 FRAME: 0836**

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DOE Docket No.: S-137,411

## CONFIRMATORY LICENSE

Application for: Electrochemical Device for Syngas and Liquid Fuels Production  
 Inventor(s): Robert J. Braun, William L. Becker, Michael Penev  
 Serial No.: 14/213,879  
 Filing Date: March 14, 2014  
 Contract No.: DE-AC36-08GO28308  
 Contractor: Alliance for Sustainable Energy, LLC

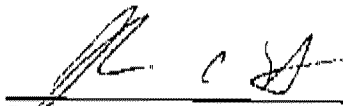
The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the Subject Invention has been submitted to the U.S. Department of Energy.

The Contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States the Subject Invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 5<sup>th</sup> day of December 2014.



\_\_\_\_\_  
 John C. Stolpa  
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 Intellectual Property

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NREL is a national laboratory of the U.S. Department of Energy  
 Office of Energy Efficiency & Renewable Energy  
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