504769746 02/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4816474

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
ALLIANCE FOR SUSTAINABLE ENERGY, LLC	01/11/2018

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY	
Street Address:	1000 INDEPENDENCE AVE. S.W.	
City:	WASHINGTON	
State/Country:	D.C.	
Postal Code:	20585	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15865874

CORRESPONDENCE DATA

Fax Number: (630)252-2779

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (630) 252-2137

Confirmatory.License@science.doe.gov Email:

Correspondent Name: TIMOTHY L HARNEY Address Line 1: 9800 S. CASS AVE

Address Line 2: **IPLD**

Address Line 4: ARGONNE, ILLINOIS 60439

ATTORNEY DOCKET NUMBER:	15/865874CAR
NAME OF SUBMITTER:	CYNTHIA RIDGE
SIGNATURE:	/Cynthia Ridge/
DATE SIGNED:	02/08/2018

Total Attachments: 1

source=17-27 Confirmatory License (00085960xCE2EF)#page1.tif

PATENT REEL: 044870 FRAME: 0561 504769746



DOE Docket No.: S-145,478

CONFIRMATORY LICENSE

Application for: A Graded Catalytic-Protective Layer for an Efficient and Stable

Water-Splitting Photocathode

Inventor(s):

John A. Turner et al.

Serial No.:

15/865,874

Filing Date:

January 9, 2018

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 // day of January, 2018

John C. Stolpa

Associate General Counsel,

Intellectual Property

RECORDED: 02/08/2018