504549608 09/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4596316

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

CONVEYING PARTY DATA

Name	Execution Date
SUSTAINABLE ENERGY SOLUTIONS, LLC	09/05/2017

RECEIVING PARTY DATA

Name:	U.S. DEPARTMENT OF ENERGY
Street Address:	1000 INDEPENDENCE AVE., SW
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20585

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12875947

CORRESPONDENCE DATA

Fax Number: (202)586-7127

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: 2025862802

Email: brenda.banks@hq.doe.gov

Correspondent Name: BRENDA K. BANKS

Address Line 1: 1000 INDEPENDENCE AVE. Address Line 4: WASHINGTON, D.C. 20585

NAME OF SUBMITTER:	BRENDA K. BANKS
SIGNATURE:	/Brenda K. Banks/
DATE SIGNED:	09/15/2017

Total Attachments: 1

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PATENT REEL: 043601 FRAME: 0641 504549608



S-125779



SECTION H. CONFIRMATORY LICENSE

Title of Invention:	Methods for	Stable Sec	uestration of	f Carbon	Dioxide in an Agu	ifer

Inventor(s): BAXTER, Larry L.

Patent Application Serial No: 12/875,947 Filing Date: 09/03/2010

Patent Number: 8,646,538 Issue Date: 02/11/2014

Name of Organization: Sustainable Energy Solutions, LLC

ARPA-E Award / Contract No.: DE-AR0000101

The named Organization has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

This document is confirmatory of (1) the nonexclusive, nontransferable, irrevocable, paid-up, World-wide license in this subject invention, patent application, and any resulting patent (including any continuation, divisional, reissue, or supplemental application thereof) to practice or to have practiced for or on behalf of the United States throughout the world; (2) all other rights acquired by the Government through the intellectual property provisions of the above-identified contract/award; and (3) all intellectual property, licensing, and manufacturing requirements imposed by the above-identified contract/award.

It is understood and agreed that this license does not preclude the Government from (1) asserting rights under the provisions of the above-identified contract/award or any other agreement between the Government and the named Organization, or (2) asserting any other Government rights with respect to the above-identified subject invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

	Signed this_	05	day of	Septemb	er	20_17	
Authorized Representative's Name and	Title (Typed)	Andrew B	laxter, Pres	sident of Sus	tainable Ene	ergy Solution	ns, LLC
Authorized Representative's Signature	***************************************	—Docusigned b !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	UNIVERSAL CONTRACTOR OF THE PROPERTY OF THE PR	······································			······································
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RECORDED: 09/15/2017