504916795 05/16/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4963540

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN BENJAMIN JOHNSON	05/08/2018
MIGUEL RODRIGUEZ	05/16/2018

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

Property Type	Number
Application Number:	15973161

CORRESPONDENCE DATA

Fax Number: (303)384-7499

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: 303-384-7570

Email: ipdocketing@nrel.gov

Correspondent Name: ALLIANCE FOR SUSTAINABLE ENERGY, LLC

Address Line 1: 15013 DENVER WEST PARKWAY
Address Line 4: GOLDEN, COLORADO 80401

ATTORNEY DOCKET NUMBER: NREL 17-64		
NAME OF SUBMITTER: NANCY STOVALL		
SIGNATURE:	/Nancy Stovall/	
DATE SIGNED: 05/16/2018		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT 504916795 REEL: 045816 FRAME: 0575

Worldwide Rights

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

(Lot ase Muy Signer Abbression 1886	a oneer)		
Title of Invention:			
DECENTRALIZED CONTROL			
This assignment and declaration are directed to (check one): the application identified above by the attorney docket no. and title of in PCT International Application Number, filed United States Application No. 15/973,161, filed May 7, 2018	nvention		
ASSIGNMENT			
For good and valuable consideration, the receipt and sufficiency of which are hinventor I have sold and assigned, and by these presents hereby sell and assign,			
Name of Assignee: Alliance for Sustainable Energy, LLC			
Address of Assignee: 15013 Denver West Parkway, Golden, CO 80401			
(hereinafter ASSIGNEB) all my right, title and interest in and to the above-ider embodiment thereof, in the United States and all foreign countries, including an and all countries of the world and through the Patent Cooperation Treaty and/or including any and all applications claiming priority thereto such as divisions or and all patents granted in the United States and all countries of the world that me said invention, including any and all reissues or extensions thereof, to be held a successors, or assigns to the full end of the term or teoms for which any and all entirely as would have been held and enjoyed by me had this Assignment not be	pplications for patents in the United States rethe European Patent Convention, continuations thereof, and in and to any may issue on any such applications or for and enjoyed by said ASSIGNEE, its such patents may be granted as fully and		
I hereby authorize and request the Director of the U.S. Patent and Trademark O the United States to said ASSIGNEE, its successors, or assigns in accordance h	office to issue any and all Letters Patent of erewith.		
I warrant and covenant that I have the full and unencumbered right to sell and a and that I have not executed and will not execute any document or instrument in	assign the interests herein sold and assigned a conflict herewith.		
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all patents that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing patents for said invention.			
DECLARATION	4		
As a below named inventor, I hereby declare that:	×.		
The above-identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claime			
I hereby acknowledge that any willful false statement made in this declaration i or imprisonment of not more than five (5) years, or both.	is punishable under 18 U.S.C. 1001 by fine		
	5/2/2018		
Signature:	DATE		

PATENT REEL: 045816 FRAME: 0576

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Ţ	itle	of	Inv	ent	ion:

DECENTRALIZED CONTROL	
This assignment and declaration are directed to (che	ck one):
the application identified above by the attorn	ey docket no, and title of invention
PCT International Application Number	, filed
United States Application No. 15/973,161, fi	led May 7, 2018

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below-named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

Name of Assignee:

Alliance for Sustainable Energy, LLC

Address of Assignee: 15013 Denver West Parkway, Golden, CO 80401

(hereinafter ASSIGNEE) all my right, title and interest in and to the above-identified invention in any form or embodiment thereof, in the United States and all foreign countries, including applications for patents in the United States and all countries of the world and through the Patent Cooperation Treaty and/or the European Patent Convention, including any and all applications claiming priority thereto such as divisions or continuations thereof, and in and to any and all patents granted in the United States and all countries of the world that may issue on any such applications or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, or assigns to the full end of the term or terms for which any and all such patents may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent of the United States to said ASSIGNEE, its successors, or assigns in accordance herewith.

I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives, or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings, and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives, or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all patents that may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns, or to assist said ASSIGNEE, its successors, legal representatives, or assigns in obtaining, reissuing, or enforcing patents for said invention.

DECLARATION

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

Thereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Signature: Inventor: Mignel RODRAC 05/16/2018

PATENT REEL: 045816 FRAME: 0577

RECORDED: 05/16/2018