504847785 04/02/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4894522

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGG TYLER BECKHAM	03/27/2018
NICHOLAS RORRER	03/29/2018
DEREK RICHARD VARDON	03/23/2018

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:	15942703

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: 3033847551

Email: nancy.stovall@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 17-48
NAME OF SUBMITTER:	NANCY STOVALL
SIGNATURE:	/Nancy Stovall/
DATE SIGNED:	04/02/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> PATENT REEL: 045408 FRAME: 0246

504847785

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

Title	of	Invent	ion:

Title of Inve	tion:	•
POLYMERS	FROM BIO-DERIVED DICARBOXYLIC ACIDS	
the ap	ent and declaration are directed to (check one): blication identified above by the attorney docket no. and title of atternational Application Number, filed, States Application No, filed,	invention
∐ United	States Application No, filed	
•	<u>ASSIGNMENT</u>	
For good and inventor I hav	valuable consideration, the receipt and sufficiency of which are e sold and assigned, and by these presents hereby sell and assig	e hereby acknowledged, as a below-named on, unto:
Name of Ass	gnee: Alliance for Sustainable Energy, LLC	•
Address of A	ssignee: 15013 Denver West Parkway, Golden, CO 80401	
embodiment and all countrincluding any and all patent said invention successors, or	SSIGNEE) all my right, title and interest in and to the above-id hereof, in the United States and all foreign countries, including les of the world and through the Patent Cooperation Treaty and and all applications claiming priority thereto such as divisions a granted in the United States and all countries of the world that is, including any and all reissues or extensions thereof, to be held assigns to the full end of the term or terms for which any and a full have been held and enjoyed by me had this Assignment not	applications for patents in the United States for the European Patent Convention, or continuations thereof, and in and to any i may issue on any such applications or for and enjoyed by said ASSIGNEE, its all such patents may be granted as fully and
I hereby authorited St	orize and request the Director of the U.S. Patent and Trademark ates to said ASSIGNEE, its successors, or assigns in accordance	Office to issue any and all Letters Patent of the herewith.
I warrant and and that I hav	covenant that I have the full and unencumbered right to sell and e not executed and will not execute any document or instrumen	d assign the interests herein sold and assigned tin conflict herewith.
all information make all right by said ASSI including diversissues or ex	nant and agree that I will communicate to said ASSIGNEE, its in known to me relating to said invention or patent application a ful oaths, testify in any legal proceedings, and perform all other JNEE, its successors, legal representatives, or assigns to perfections and continuations thereof and to any and all patents that remains, in said ASSIGNEE, its successors, or assigns, or to as s, or assigns in obtaining, reissuing, or enforcing patents for said	and that I will execute and deliver any papers, r lawful acts deemed necessary or desirable it title to said invention, to said application may be granted therefor or thereon, including sist said ASSIGNEE, its successors, legal
DECLAR	ATION	
As a below n	med inventor, I hereby declare that:	
The above-id	entified 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 clair	ned invention in the application.
I hereby ackn or imprisonm	owledge that any willful false statement made in this declaratio ent of not more than five (5) years, or both.	n is punishable under 18 U.S.C. 1001 by fine
.	N/b/	2-07-2010
Signature: Inventor: Gr	egg Vyler BECKHAM	3-27-2018 DATE

PATENT REEL: 045408 FRAME: 0247

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

(For Use with Signed Application Data Sheet)

Title of Invention:			•	
POLYMERS FROM	BIO-DERIVED DICARBO	OXYLIC ACIDS		
the application	eclaration are directed to (che identified above by the attorn nal Application Number pplication No	ney docket no, and title o	of invention	
United States A	pplication No	, filed		
	<u>.</u>	<u>ASSIGNMENT</u>		•
For good and valuable inventor I have sold an	consideration, the receipt and d assigned, and by these pres	d sufficiency of which a ents hereby sell and ass	re hereby, acknowledged, as a beloign, unto:	ow-named
Name of Assignee:	Alliance for Sustainable I	Inergy, LLC		er.
Address of Assignee:	15013 Denver West Parky	vay, Golden, CO 8040	1	
embodiment thereof, in and all countries of the including any and all ar and all patents granted is aid invention, includin successors, or assigns to	the United States and all for world and through the Paten pplications claiming priority in the United States and all c ig any and all reissues or exte	eign countries, including t Cooperation Treaty and thereto such as divisions ountries of the world the ensions thereof, to be he erms for which any and	identified invention in any form on grapplications for patents in the Undoor the European Patent Convents or continuations thereof, and in a sat may issue on any such applicated and enjoyed by said ASSIGNE all such patents may be granted as to been made.	Inited States tion, and to any ions or for E, its
	request the Director of the U. d ASSIGNEE, its successors,		k Office to issue any and all Lette e herewith.	rs Patent of
I warrant and covenant and that I have not exec	that I have the full and unencented and will not execute any	cumbered right to sell an y document or instrumen	nd assign the interests herein sold in the conflict herewith.	and assigned
all information known to make all rightful oaths, to by said ASSIGNEE, its including divisions and reissues or extensions, in	o me relating to said invention testify in any legal proceeding successors, legal representation continuations thereof and to	on or patent application a lgs, and perform all othe ives, or assigns to perfec any and all patents that a ssors, or assigns, or to as	successors, legal representatives, and that I will execute and deliver is lawful acts deemed necessary of title to said invention, to said appropriate the granted therefor or thereofesist said ASSIONEE, its successorid invention.	r any papers, r desirable oplication n, including
DECLARATION		•		
As a below named inven	ntor, I hereby declare that:		•	
The above-identified app	plication was made or author	ized to be made by me.		
I believe that I am the or	riginal inventor or an original	l joint inventor of a clair	med invention in the application.	
I hereby acknowledge the or imprisonment of not r	nat any willful false statemen nore than five (5) years, or b	t made in this declaratio oth.	n is punishable under 18 U.S.C. 1	001 by fine
Signature /// Inventor: Nicholas ROI	Mn RRER		3/29/18 DATE .	·

PATENT REEL: 045408 FRAME: 0248

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

(For Use with Signed Application Data Sheet)

med er d		•	•	•	
Title of Invention:					
POLYMERS FROM I	BIO-DERIVED DICARE	SOXYLIC ACIDS			
the application in	claration are directed to (cleantified above by the atto al Application Number pplication No	mey docket no, and tit	le of invention		
· ·	-				
		<u>ASSIGNMENT</u>	•	,	
For good and valuable c inventor I have sold and	consideration, the receipt a assigned, and by these pro	nd sufficiency of whicesents hereby sell and	h are hereby acknow assign, unto:	wledged, as a below-na	amed
Name of Assignee:	Alliance for Sustainable	Energy, LLC		•	
Address of Assignee:	15013 Denver West Parl	cway, Golden, CO 80)401	·	
embodiment thereof, in t and all countries of the v including any and all app and all patents granted in said invention, including successors, or assigns to	all my right, title and into the United States and all fo vorld and through the Pate plications claiming priority the United States and all any and all reissues or ex the full end of the term or een held and enjoyed by m	oreign countries, incluent Cooperation Treaty thereto such as divisicountries of the world tensions thereof, to be terms for which any a	ding applications for and/or the Europea ons or continuation that may issue on a held and enjoyed b and all such patents	r patents in the United in Patent Convention, s thereof, and in and to my such applications of y said ASSIGNEE, its	o any or for
I hereby authorize and re the United States to said	equest the Director of the L ASSIGNEE, its successor	J.S. Patent and Traden s, or assigns in accord	nark Office to issue ance herewith.	any and all Letters Par	tent of
I warrant and covenant the and that I have not execu	nat I have the full and uner ted and will not execute ar	ncumbered right to sell ny document or instru	and assign the intement in conflict her	rests herein sold and a ewith.	ssigned
all information known to make all rightful oaths, to by said ASSIGNEE, its st including divisions and or reissues or extensions, in	ree that I will communicate me relating to said invention stify in any legal proceeding uccessors, legal representation on tinuations thereof and to said ASSIGNEE, its successing obtaining, reissuing, o	ion or patent application or patent applications, and perform all outives, or assigns to perpany and all patents the assors, or assigns, or to	on and that I will ex other lawful acts dee rfect title to said inv at may be granted to assist said ASSIG.	ecute and deliver any pomed necessary or designation, to said application, to refer the econ. inc	papers, rable tion luding
DECLARATION	•			•	
As a below named invent	or, I hereby declare that:				
The above-identified appl	lication was made or autho	rized to be made by m	ie.		
I believe that I am the orig	ginal inventor or an origina	al joint inventor of a cl	laimėd invention in	the application.	
I hereby acknowledge that or imprisonment of not me	t any willful false statemen ore than five (5) years, or l	nt made in this declara both.	tion is punishable u	ınder 18 U.S.C. 1001 t	y fine

PATENT REEL: 045408 FRAME: 0249

RECORDED: 04/02/2018

Inventor: Derek Richard VARDON

Signature: