506017743 04/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB B. LOWRING	08/18/2016

RECEIVING PARTY DATA

Name:	ADA CARBON SOLUTIONS, LLC
Street Address:	1460 W. CANAL COURT
City:	LITTLETON
State/Country:	COLORADO
Postal Code:	80120-5632

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15729347

CORRESPONDENCE DATA

Fax Number: (303)863-0223

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: 3038639700

Email:cjacquet@sheridanross.comCorrespondent Name:SHERIDAN ROSS P.C.Address Line 1:1560 BROADWAY

Address Line 2: SUITE 1200

Address Line 4: DENVER, COLORADO 80202

ATTORNEY DOCKET NUMBER:	6053-65-CIP-DIV
NAME OF SUBMITTER:	DOUGLAS W. SWARTZ
SIGNATURE:	/Douglas W. Swartz/
DATE SIGNED:	04/16/2020

Total Attachments: 5

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PATENT 506017743 REEL: 052416 FRAME: 0618

ASSIGNMENT & APPOINTMENT OF COMMON REPRESENTATIVE

WHEREAS, we, **Mowen Li** of Highlands Ranch, CO; **Christopher Vizcaino** of Littleton, CO; **Roger H. Cayton** of Castle Rock, CO; and **Jacob B. Lowring** of Coushatta, LA, have invented a certain new and useful invention disclosed in a United States patent application entitled "**SORBENT COMPOSITIONS HAVING AMORPHOUS HALOGEN SPECIES FOR THE SEQUESTRATION OF CONTAMINANTS**" for which a patent application has been prepared and filed with the U.S. Patent & Trademark Office on August 15, 2016, receiving Application No. 15/237,089, and further identified as Attorney File No. 50633-00086.

NOW THEREFORE, be it known that we, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, ADA Carbon Solutions, LLC, a Delaware corporation having a place of business at 1460 W. Canal Court, Littleton, CO 80120-5632, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; we also assign any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; we warrant that no assignment of the invention(s), application or patent therefor has been made to a party other than ADA Carbon Solutions, LLC; we warrant that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than ADA Carbon Solutions, LLC; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner for Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **ADA Carbon Solutions**, **LLC**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, we hereby irrevocably appoint **ADA Carbon Solutions**, **LLC**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

Page 1 of 5

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: <u>Aug. 17. 20</u>16

y: _______

STATE OF Colorado

)) ss.)

Before me, a Notary Public in and for said County and State, personally appeared **Mowen Li**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this

day of

20 (6

MEGHAN R DARDEN NOTARY PUBLIC - STATE OF COLORADO My Identification # 20154029564 Expires July 28, 2019 Notary Public

My Commission Expires:

128/19

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common Representative as of the date indicated hereunder.

Date: <u>5-/6-/6</u>

Christopher Vizcaino

STATE OF Colorado COUNTY OF Arapahoe) ss.

Before me, a Notary Public in and for said County and State, personally appeared Christopher Vizcaino known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this _____ day of _____ fugust

MEGHAN R DARDEN NOTARY PUBLIC - STATE OF COLORADO My Identification # 20154029564 Expires July 28, 2019

Nothing Public My Commission Expires: 8/28/19

Common Representative as of the date indicated hereunder.

Date: 8/5//6 By: Roger H. Cayton

STATE OF Colorado) ss.

COUNTY OF Arapahae)

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of

Before me, a Notary Public in and for said County and State, personally appeared **Roger H. Cayton**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 15 day of August, 2016

DENISE M. KANIA NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20134082786 MY COMMISSION EXPIRES OCTOBER 2, 2017

Notary Public
My Commission Expires:

Application No. 15/237,089 Attorney Docket No. 50633-00086

Common Representative as of t	he date indicated hereunder.
Date: 8-18-16	ву: 44-3 /
	Jacob B. Lowring
STATE OF)
COUNTY OF) SS.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of

Before me, a Notary Public in and for said County and State, personally appeared **Jacob B. Lowring**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 18th day of Aust 2016

Notary Public

My Commission Expires: 2-16-2020