505720296 10/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROGER H. CAYTON	08/22/2019
MOWEN LI	06/03/2019
MICALA D. MITCHEK	05/23/2019
LINGYAN SONG	05/31/2019

RECEIVING PARTY DATA

Name:	ADA CARBON SOLUTIONS, LLC
Street Address:	1460 W. CANAL COURT
Internal Address:	SUITE 100
City:	LITTLETON
State/Country:	COLORADO
Postal Code:	80120

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16418975

CORRESPONDENCE DATA

Fax Number: (303)770-0152

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: 303-770-0051

Email: ptomail@mfblaw.com

Correspondent Name: MARSH FISCHMANN & BREYFOGLE LLP

Address Line 1: 8055 E. TUFTS AVENUE

Address Line 2: SUITE 450

Address Line 4: DENVER, COLORADO 80237

Total Attachments, 5	
DATE SIGNED:	10/09/2019
SIGNATURE:	/David F. Dockery/
NAME OF SUBMITTER:	DAVID F. DOCKERY
ATTORNEY DOCKET NUMBER:	50633-00121

Total Attachments: 5

PATENT REEL: 050693 FRAME: 0289

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PATENT REEL: 050693 FRAME: 0290

ASSIGNMENT & APPOINTMENT OF COMMON REPRESENTATIVE

WHEREAS, we, Roger H. Cayton of Castle Rock, Colorado; Mowen LI of Highlands Ranch, Colorado; Micala D. Mitchek of Arvada, Colorado and Lingyan Song of Englewood, Colorado, have invented a certain new and useful invention entitled SORBENT COMPOSITIONS AND METHODS FOR THE REMOVAL OF CONTAIMINANTS FROM A GAS STREAM for which a patent application has been prepared and filed with the U.S. Patent & Trademark Office on May 21, 2019 receiving Serial No. 16/418,975, and further identified as Attorney File No. 50633-00121;

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, Suite 100, Littleton, Colorado 80120, 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.

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

PATENT REEL: 050693 FRAME: 0291

MFB Ref. 50633-00121
Date: August 72, 2019 By: 26, 16, 16
Roger H. Cayton
STATE OF Colorado) COUNTY OF DOUGLAS) ss.
Before me, a Notary Public in and for said County and State, personally appeared Roger Cayton, known to me to be the person whose name is subscribed to the foregoing instrument, and the said that th

Η. nd 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 _

ABBY MARIE R. HARRIS Notary Public State of Colorado Notary ID # 20074010106 My Commission Expires 03-09-2023

Applic. No. 16/418,975

Notary Public

My Commission Expires: 3

Applic. No. 16/418,975 MFB Ref. 50633-00121	
Date: <u>6/3/2019</u>	By: Mowen Li
STATE OF COLOVADO) ss.	
known to me to be the person whose r	r said County and State, personally appeared Mowen Li , name is subscribed to the foregoing instrument, and me for the purposes and considerations therein expressed.
Given under my hand and seal of office	ce this <u>3</u> day of <u>June</u> , 20 <u>17</u> .
DENISE M KANIA NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20134062786 MY COMMISSION EXPIRES 10/2/2021	Notary Public My Commission Expires:

MFB Ref. 50633-00121 lastalak Ву: Micala D. Mitchek STATE OF COLORAdo) \$\$. COUNTY OF DOUGLAS Before me, a Notary Public in and for said County and State, personally appeared Micala D.

Mitchek, 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 ______, 2019.

DENISE M KANIA NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20134062786 MY COMMISSION EXPIRES 10/2/2021

Applic. No. 16/418,975

Notary Public My Commission Expires:

Applic. No. 16/418,975 MFB Ref. 50633-00121 Date: 05/3//19	By: Lingyan Song
STATE OF COLOVADO)	
state of Colovado) ss. county of Douglas)	
Song, known to me to be the person whose	or said County and State, personally appeared Lingyan e name is subscribed to the foregoing instrument, and same for the purposes and considerations therein
Given under my hand and seal of of	fice this <u>3(</u> day of <u>Mass</u> , 20 <u>19</u> .
DENISE M KANIA NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20134062786 MY COMMISSION EXPIRES 10/2/2021	Notary Public My Commission Expires:

RECORDED: 10/11/2019