

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS
CONVEYING PARTY DATA	
Name	Execution Date
BABSON CAPITAL FINANCE LLC, AS ADMINISTRATIVE AGENT	12/11/2018
RECEIVING PARTY DATA	
Name:	ADA CARBON SOLUTIONS, LLC
Street Address:	640 PLAZA DRIVE, SUITE 270
Internal Address:	C/O ADVANCED EMISSIONS SOLUTIONS, INC., ATTN: GENERAL COUNSEL
City:	HIGHLANDS RANCH
State/Country:	COLORADO
Postal Code:	80129
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	61553000
Application Number:	13587140
PCT Number:	US2012062253
Application Number:	61654030
PCT Number:	US2012066861
Application Number:	13730490
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NAME OF SUBMITTER:	JOHN SLAUGHTER

SIGNATURE:	/john slaughter/
DATE SIGNED:	01/17/2019
Total Attachments: 3 source=TRSI-P - Babson Capital Finance LLC to ADA Carbon Solutions, LLC#page1.tif source=TRSI-P - Babson Capital Finance LLC to ADA Carbon Solutions, LLC#page2.tif source=TRSI-P - Babson Capital Finance LLC to ADA Carbon Solutions, LLC#page3.tif	

TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS

This **TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS**, dated as of December 11, 2018 ("Release"), is made by Babson Capital Finance LLC, a Delaware limited liability company, as Administrative Agent ("Administrative Agent"), in favor of ADA Carbon Solutions, LLC, a Delaware limited liability company ("Grantor").

WHEREAS, pursuant to the Holdings Security Agreement dated as of September 27, 2013 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement") by and among the Grantor and Administrative Agent and the Grant of Security Interest in United States Patents dated as of October 17, 2013 ("Patent Grant") by and among the Grantor and Administrative Agent, Grantor granted to the Administrative Agent, for the benefit of the Secured Parties, a security interest in and lien upon, all of the Grantor's right, title and interest in, to and under the Grantor's patent registrations and applications for registration more particularly set forth on Schedule A attached hereto ("Patents") together with (i) all Proceeds of the Patents, and (ii) all causes of action arising prior to or after the date hereof for infringement of any Patents (collectively, the "Patent Collateral"); and

WHEREAS, the Patent Grant was recorded at the United States Patent and Trademark Office ("USPTO") on October 18, 2013 at Reel 031436 Frame 0165.

NOW THEREFORE, in consideration of the mutual promises and undertakings set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and with the intention of being legally bound hereby, Administrative Agent, on behalf of the Secured Parties, and Grantor agree as follows:

SECTION 1. Defined Terms. Capitalized terms used herein without definition shall have the meanings ascribed to such terms in the Security Agreement or Patent Grant.

SECTION 2. Termination and Release. Administrative Agent, on behalf of the Secured Parties, hereby:

- (a) terminates the Patent Grant;
- (b) terminates, cancels, forever discharges, and releases the security interest in and lien upon, all of the Grantor's right, title and interest in, to and under the Patent Collateral, including, but not limited to, the foregoing listed on Schedule A attached hereto;
- (c) represents and warrants that it has full authority to execute and deliver this Release; and
- (d) authorizes the recordation of this Release with the USPTO at Grantor's expense.

SECTION 3. Further Assurances. Administrative Agent, at Grantor's expense, hereby agrees to duly execute, acknowledge, procure and deliver any further documents and to do such other acts as may be reasonably necessary to effect the security interest release contemplated herein. To the extent that any other filings with any other governmental authority have been made with respect to any of the Patent Collateral, Administrative Agent will, at Grantor's expense, execute and deliver a reasonable release or other instrument that will terminate any such filing and/or release any interests conveyed therein.

Schedule A

U.S. PATENT APPLICATIONS

Title	Filing Date	Application Number
MULTI-FUNCTIONAL COMPOSITION FOR RAPID REMOVAL OF MERCURY FROM A FLUE GAS	10-28-11	61/553,000
MULTI-FUNCTIONAL COMPOSITION FOR RAPID REMOVAL OF MERCURY FROM A FLUE GAS	8-16-12	13/587,140
MULTI-FUNCTIONAL COMPOSITION FOR RAPID REMOVAL OF MERCURY FROM A FLUE GAS	10-26-12	PCT/US2012/062253
MULTI-FUNCTIONAL COMPOSITION FOR RAPID REMOVAL OF MERCURY FROM A FLUE GAS	11-28-11	61/654,030
MULTI-FUNCTIONAL COMPOSITION FOR RAPID REMOVAL OF MERCURY FROM A FLUE GAS	11-28-12	PCT/US12/66861
COMPOSITION FOR ACID GAS TOLERANT REMOVAL OF MERCURY FROM A FLUE GAS	12-28-12	13/730,490