505231471 12/11/2018

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| ANDREW BAXTER | 12/06/2018 |

RECEIVING PARTY DATA

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| City: | PROVO | | |
| State/Country: | UTAH | | |
| Postal Code: | 84606 | | |

PROPERTY NUMBERS Total: 15

| Property Type | Number |
|---------------------|-----------|
| Application Number: | 15385056 |
| Application Number: | 15399265 |
| Application Number: | 15412484 |
| Application Number: | 15485569 |
| Application Number: | 15602795 |
| Application Number: | 15464250 |
| Application Number: | 15795953 |
| Application Number: | 15852674 |
| Application Number: | 15439177 |
| Application Number: | 15495217 |
| Application Number: | 15438245 |
| Application Number: | 15439305 |
| Application Number: | 15439482 |
| PCT Number: | US1814778 |
| PCT Number: | US1812179 |

CORRESPONDENCE DATA

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PATENT REEL: 047748 FRAME: 0869

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| SIGNATURE: | /Jeff Duncan/ |
| DATE SIGNED: | 12/11/2018 |

Total Attachments: 3

source=Andrew_Baxter_Assignment_of_Multiple_Assets_to_Sustainable_Energy_Solutions._LLC#page1.tif source=Andrew_Baxter_Assignment_of_Multiple_Assets_to_Sustainable_Energy_Solutions._LLC#page2.tif source=Andrew_Baxter_Assignment_of_Multiple_Assets_to_Sustainable_Energy_Solutions._LLC#page3.tif

PATENT REEL: 047748 FRAME: 0870

ASSIGNMENT OF INVENTIONS AND PATENT RIGHTS

Andrew Baxter ("Assignor") is a named inventor of the inventions described in the attached list, with the Application Numbers, Publication Nos. (where applicable), Patent Nos. (where applicable), Docket Nos., and Titles noted thereon.

Sustainable Energy Solutions, LLC ("Assignee") desires to acquire all rights in and to the listed inventions and all patent applications and patents resulting therefrom.

Therefore, for valuable consideration, the receipt of which is hereby acknowledged, Assignor assigns to Assignee all right, title, and interest in (a) the listed inventions and all improvements and modifications thereof, (b) the listed applications and patents and all other applications for Letters Patent of the United States and countries foreign thereto for the listed inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue Letters Patent to ASSIGNEE as assignee of the entire interest to the inventions, applications and patents listed, for the sole use and benefit of ASSIGNEE, its successors and assigns.

Assignor further agrees to: (a) cooperate with Assignee in the prosecution of the listed applications and any foreign counterparts; (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as Assignee lawfully may request to obtain or maintain the patents for the listed inventions in any and all countries.

| Date: | 06 Dec 2018 | andrew Baxter |
|-------|-------------|-------------------------|
| | | Andrew Baxter, Assignor |

| Appl. No. | Publ. No. | Patent No. | Docket No. | Title |
|------------|--------------|------------|---------------|---|
| 15/385,056 | 2018-0170783 | | 102Q.1.283.SM | Method For Separating Solids From A Suspension |
| 15/399,265 | 2018-0187972 | | 102Q.3.290.SM | Device for Separating Solid Carbon Dioxide from a Suspension |
| 15/412,484 | 2018-0209729 | | 106Q.300.JO | Circulating Fluidized Bed Connected to a Desublimating Heat Exchanger |
| 15/485,569 | 2018-0299194 | | 127Q.381.ND | Method for Preventing Fouling of a Demister |
| 15/602,795 | | | 110Q.426.JO | Method for Recycling Streams in a Separations Process |
| 15/464,250 | 2018-0266761 | | 151Q.356.ND | Self-Cleaning Desublimating Heat Exchanger for Gas/Vapor Separation |
| 15/795,953 | | | 183Q | Recuperative Heat Exchange for Desiccation of Cold Fluids |
| 15/852,674 | | | 189Q.1 | Vessel and Method for Solid-Liquid Separation |
| 15/439,177 | 2018-0236397 | | 135Q.2.330.ND | Hydrocyclone For Cryogenic Gas-Vapor Separation |
| 15/495,217 | 2018-0306495 | | 157Q.400.ND | Method for Separating Components using Solids Producing Multi-Stage Direct and Indirect- Contact Exchange |
| 15/438,245 | 2018-0236460 | | 135Q.1.328.ND | Method For Using An Air- Sparged Hydrocyclone For Cryogenic Gas Vapor Separation |
| 15/439,305 | 2018-0238619 | | 135Q.3.331.ND | Method For Using A Hydrocyclone For Cryogenic Gas Vapor Separation |

PATENT REEL: 047748 FRAME: 0872

| Appl. No. | Publ. No. | Patent No. | Docket No. | Title |
|----------------|--------------|------------|-------------|-----------------------|
| 15/439,482 | 2018-0238620 | | 135Q.332.ND | Air-Sparged |
| | | | | Hydrocyclone For |
| | | | | Cryogenic Gas Vapor |
| | | | | Separation |
| PCT/US18/14778 | | | 106Q.1.PCT | A CIRCULATING |
| | | | | FLUIDIZED BED |
| | | | | CONNECTED TO A |
| | | | | DESUBLIMATING HEAT |
| | | | | EXCHANGER |
| PCT/US18/12179 | | | 102Q.3.PCT | DEVICE FOR SEPARATING |
| | | | | SOLID CARBON DIOXIDE |
| | | | | FROM A SUSPENSION |

PATENT REEL: 047748 FRAME: 0873