# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
JACOM CHAMBERLAIN	12/06/2018

# **RECEIVING PARTY DATA**

Name:	SUSTAINABLE ENERGY SOLUTIONS, LLC	
Street Address:	3000 SIERRA VISTA WAY	
City:	PROVO	
State/Country:	UTAH	
Postal Code:	84606	

### **PROPERTY NUMBERS Total: 18**

Property Type	Number
Application Number:	15665708
Application Number:	15668988
Application Number:	15719016
Application Number:	15727817
Application Number:	15810935
Application Number:	15812045
Application Number:	16035550
Application Number:	16035560
Application Number:	16035564
Application Number:	15899719
Application Number:	15720278
Application Number:	15831782
Application Number:	15831887
Application Number:	15832040
Application Number:	15439305
Application Number:	15438245
Application Number:	15439482
Application Number:	15439177

#### **CORRESPONDENCE DATA**

PATENT REEL: 047748 FRAME: 0888

505231479

**Fax Number:** 

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.

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NAME OF SUBMITTER:	JEFF DUNCAN
SIGNATURE:	/Jeff Duncan/
DATE SIGNED:	12/11/2018

# **Total Attachments: 3**

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PATENT REEL: 047748 FRAME: 0889

#### ASSIGNMENT OF INVENTIONS AND PATENT RIGHTS

Jacom Chamberlain ("Assignor") is a named inventor of the inventions described in the attached list, with the Application Nos., 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	018	Jacom Chamberlain
~~~~			AEAFF4263D68407
		,	mberlain. Assignor

Appl. No.	Publ. No.	Patent No.	Docket No.	Title
15/665,708			153Q.1.464.ND	Solids Conveyance across Pressure Gradients using
				Pistons in Rotating Disks
15/668,988			153Q.465.ND	Solids Conveyance across
15/000,500			155Q.405.ND	Pressure and other
				Gradients using a Piston
				with a Hollow
15/719,016			177Q	Slurry Droplet Melting
			,	Heat Exchange
15/727,817			172Q	Nested Bubbling
				Apparatus
15/810,935	2018-0172346		185Q	Filtering Coil for Screw
				Press
15/812,045	2018-0170784		184Q	Filtering Annuli for Screw
				Press
16/035,550			196Q	METHOD OF
				SEPARATING
				COMPONENTS OF A GAS
16/035,560			195Q	METHOD FOR
				SEPARATING
				COMPONENTS OF A GAS
16/035,564			194Q	METHOD OF
				SEPARATING
				COMPONENTS OF A GAS
15/899,719			186Q	Component Removal
				from a Gas Stream
15/720,278			180Q	System and Method for
				Removing Solid Buildup
17/001 700			1000	from Filters
15/831,782			188Q	Pressure-Regulated
45/024 007			1000.1	Melting of Solids
15/831,887			188Q.1	Pressure-Regulated
				Melting of Solids with
45 (022 040			1000 3	Warm Fluids
15/832,040			188Q.2	Pressure-Regulated
				Melting of Solids with a
15/420 205	2010 0220010		12EO 2 221 ND	Melting Device
15/439,305	2018-0238619		135Q.3.331.ND	Method For Using A
				Hydrocyclone For
				Cryogenic Gas Vapor Separation
				Seharation

PATENT REEL: 047748 FRAME: 0891

Appl. No.	Publ. No.	Patent No.	Docket No.	Title
15/438,245	2018-0236460		135Q.1.328.ND	Method For Using An
				Air-Sparged
				Hydrocyclone For
				Cryogenic Gas Vapor
				Separation
15/439,482	2018-0238620		135Q.332.ND	Air-Sparged
				Hydrocyclone For
				Cryogenic Gas Vapor
				Separation
15/439,177	2018-0236397		135Q.2.330.ND	Hydrocyclone For
				Cryogenic Gas-Vapor
				Separation

PATENT REEL: 047748 FRAME: 0892