PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7678537

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
SOMERSET ENERGY HOLDINGS LIMITED	05/13/2022
SOMERSET INTERNATIONAL, INC.	05/13/2022
ENVIRONMENTAL SOLUTIONS, INC.	05/13/2022
SOMERSET IPCO, LLC	05/13/2022
ROXMON LIMITED	05/13/2022
SOMERSET INTERNATIONAL IPCO LIMITED PARTNERSHIP	05/13/2022

RECEIVING PARTY DATA

Name:	U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION, AS COLLATERAL AGENT		
Street Address:	214 NORTH TRYON STREET - 27TH FLOOR		
Internal Address:	CN-NC-H27Q		
City:	CHARLOTTE		
State/Country:	NORTH CAROLINA		
Postal Code:	28202-1078		

PROPERTY NUMBERS Total: 8

Property Type	Number		
Patent Number:	6033562		
Patent Number:	11155482		
Patent Number:	10358351		
Patent Number:	10807870		
Application Number:	16090676		
Application Number:	62008389		
Application Number:	17074561		
Application Number:	63075592		

CORRESPONDENCE DATA

Fax Number: (212)530-5219

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: 2125305878

Email: dcip@milbank.com, jgarces@milbank.com

PATENT

REEL: 061992 FRAME: 0491 507631641

Correspondent Name:JOHN GARCES, ESQ.Address Line 1:55 HUDSON YARDS

Address Line 2: MILBANK, LLP

Address Line 4: NEW YORK, NEW YORK 10001-2163

ATTORNEY DOCKET NUMBER:	32643.00066
NAME OF SUBMITTER:	JOHN GARCES
SIGNATURE:	/John Garces/
DATE SIGNED:	12/06/2022

Total Attachments: 6

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PATENT REEL: 061992 FRAME: 0492

GRANT OF A SECURITY INTEREST – PATENTS

May 13, 2022

WHEREAS, the grantors listed on the signature pages to the Pledge and Security Agreement (as defined below) (each, a "<u>Grantor</u>" and, collectively, the "<u>Grantors</u>") hold all right, title and interest in the letter patents, design patents and utility patents listed on the attached <u>Schedule A</u>, which patents are issued or applied for in the United States Patent and Trademark Office (the "<u>Patents</u>");

WHEREAS, the Grantors have entered into a Pledge and Security Agreement, dated as of May 13, 2022 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Pledge and Security Agreement"), in favor of U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION, as the Collateral Agent for the Secured Parties (as defined in the Pledge and Security Agreement) (in such capacity, together with its successors and permitted assigns, if any, the "Grantee"); and

WHEREAS, pursuant to the Pledge and Security Agreement, the Grantors have granted to the Grantee, for the benefit of the Secured Parties, a continuing security interest in all right, title and interest of the Grantors in, to and under the Patents and the applications and registrations thereof, and all proceeds thereof, including, without limitation, any and all causes of action which may exist by reason of infringement thereof and any and all damages arising from past, present and future violations thereof (the "Collateral"), to secure the payment, performance and observance of the Secured Obligations (as defined in the Pledge and Security Agreement).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantors do hereby grant to the Grantee for the benefit of the Secured Parties, a continuing security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations.

The Grantors do hereby further acknowledge and affirm that the rights and remedies of the Grantee with respect to the Collateral are more fully set forth in the Pledge and Security Agreement, the terms and provisions of which are hereby incorporated herein *mutatis mutandis* by reference as if fully set forth herein.

THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

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PATENT REEL: 061992 FRAME: 0493 IN WITNESS WHEREOF, the undersigned have caused this Grant of a Security Interest - Patents to be duly executed by its officer thereunto duly authorized as of the date first set above.

GRANTORS:

SIGNED AND DELIVERED for and on behalf of and as the deed of SOMERSET ENERGY HOLDINGS LIMITED by its lawfully appointed attorney Oscar A. Møckridge (Attorney) in the presence of:-(Witness' Signature) 3EDFERED (Witness' Address) AVMINISTRATOR (Witness' Occupation) SOMERSET INTERNATIONAL, INC., a Delaware corporation By: Name: Oscar A. Mockridge Title: Chief Financial Officer ENVIRONMENTAL SOLUTIONS, INC., a Delaware corporation By: Name: Todd Eisenbud

Title: Chief Executive Officer

[Signature Page to Patent Security Agreement]

IN WITNESS WHEREOF, the undersigned have caused this Grant of a Security Interest - Patents to be duly executed by its officer thereunto duly authorized as of the date first set above.

GRANTORS:

SOMERSET ENERGY HOLDINGS LIMITED, a private company limited by shares incorporated under the laws of Ireland with registered number 618887

By:		
	Name:	Oscar A. Mockridge
	Title:	Director
		INTERNATIONAL, INC., a rporation
By:		
	Name:	Oscar A. Mockridge
	Title:	Chief Financial Officer

ENVIRONMENTAL SOLUTIONS, INC., a

Delaware corporation

Name: Todd Eisenbud

Title: Chief Executive Officer

SOMERSET IPCO, LLC, a Delaware limited liability company By: Name: Oscar A. Mockridge Title: Manager SIGNED AND DELIVERED for and on behalf of and as the deed of **ROXMON LIMITED** (acting in its capacity as general partner of SOMERSET INTERNATIONAL IPCO LIMITED PARTNERSHIP) by its lawfully appointed attorney Oscar A. Mockridge (Attorney) in the presence of:-(Witness' Signature)

(Witness' Address)

(Witness' Occupation)

COLLATERAL AGENT:

U.S. BANK TRUST COMPANY, NATIONAL ASSOCIATION

By:

Name: James A. Hanley Title:

Vice President

SCHEDULE A TO GRANT OF A SECURITY INTEREST - PATENTS

Grantor	Title	Country	Serial No.	Patent No.	Status
Environmental Solutions, Inc. d/b/a Somerset Environmental Solutions, Inc.	Apparatus for Aerating Wastewater From Pressurized or Gravity Flow Sources	US	09/141,977	6,033,562	Expired
,	Apparatus and Method for Aerating Wastewater	US	15/945188	11,155,482	Patented
	Apparatus and Method for Aerating Wastewater	US	16/090676 US Publication No. 20190337827	N/A	Pending
Somerset IPCo, LLC	Fine Particle Coal, and Systems, Apparatuses and Methods for Collecting and Using the Same	US	N/A	62/008,389	Inactive (Priority Patent Application)
	Fine Particle Coal, and Systems, Apparatuses and Methods for Collecting and Using the Same	US	14/723,697	10,358,351	Patented
	Fine Particle Coal, and Systems, Apparatuses and Methods for Collecting and Using the Same	US	16/518,161	10,807,870	Patented
	Fine Particle Coal, and Systems, Apparatuses and Methods for Collecting and Using the Same	US	17/074,561	N/A	Pending
Somerset International IPCo Limited Partnership	Methods and Systems of Dewatering Tailings	US	63/075,002 63/075/592 MT 12/6/12	N/A	Pending

RECORDED: 12/06/2022

PATENT REEL: 061992 FRAME: 0498