

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5671611

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JWC ENVIRONMENTAL LLC	11/10/2018

RECEIVING PARTY DATA

Name:	SULZER MANAGEMENT AG
Street Address:	NEUWIESENSTRASSE 15
City:	WINTERTHUR
State/Country:	SWITZERLAND
Postal Code:	CH-8401

PROPERTY NUMBERS Total: 16

Property Type	Number
Application Number:	09160180
Application Number:	09576345
Application Number:	10131040
Application Number:	11139552
Application Number:	10384759
Application Number:	10944858
Application Number:	11111975
Application Number:	11111976
Application Number:	11498260
Application Number:	12144178
Application Number:	12712844
Application Number:	12822733
Application Number:	13628725
Application Number:	14862238
Application Number:	14862226
Application Number:	14862247

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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.

PATENT

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Email: ASNYDER@SUGHRUE.COM, SUGHRUE@SUGHRUE.COM
Correspondent Name: SUGHRUE MION, PLLC
Address Line 1: 2000 PENNSYLVANIA AVENUE, NW
Address Line 2: SUITE 900
Address Line 4: WASHINGTON, D.C. 20006-1811

ATTORNEY DOCKET NUMBER:	A220960
NAME OF SUBMITTER:	ABIGAIL F. SNYDER, SECRETARY
SIGNATURE:	/ABIGAIL F. SNYDER/
DATE SIGNED:	08/16/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5
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DEED OF ASSIGNMENT AND TRANSFER

This deed of assignment and transfer is made between

- (1) **JWC Environmental LLC**, a private company with limited liability organized and existing under the laws of the United States of America with its office address at 2600 S. Garnsey Street, Santa Ana, CA92707 USA ("**Assignor**");

and

- (2) **SULZER MANAGEMENT AG**, a private company with limited liability organized and existing under the laws of Switzerland with its office address at Neuwiesenstrasse 15, CH-8401 Winterthur, Switzerland ("**Assignee**");

hereinafter jointly referred to as the "**Parties**" and individually as a "**Party**".

WHEREAS:

- (A) The Assignor wishes to assign and transfer, for good and valuable consideration, and the Assignee wishes to accept and receive, all right, title and interest in the patents and patent applications listed in Annex 1 hereto (the "**Patents**").
- (B) The Assignor and the Assignee therefore now wish to enter into this deed of assignment and transfer ("**Deed**").

IT IS AGREED AS FOLLOWS:

1. ASSIGNMENT

- 1.1 The Assignor hereby, for good and valuable consideration the receipt of which is acknowledged, assigns and transfers to the Assignee, and the Assignee hereby accepts and receives, all right, title and interest in the Patents, including the right to claim priority (the "**Assignment**").
- 1.2 Each of the Parties shall at any time do such further acts and execute and deliver to the other Party such further documents and instruments and render all such further assistance as may be necessary or reasonably required by the other Party for the further assuring and vesting full right, title and interest in the Patents in favour of the Assignee, and for the recordal of the Assignee as the owner of the respective Patents in the registers concerned.

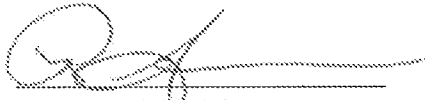


2. GOVERNING LAW / JURISDICTION

- 2.1 This Deed is governed by the laws of Switzerland with the exclusion of any conflict of law rules under Swiss private international law and with the exclusion of the provisions of the Vienna Sales Convention.
- 2.2 The competent court in Zürich, Switzerland, shall have exclusive jurisdiction to settle any dispute in connection with this Deed without prejudice to the right of appeal, including an appeal to the Supreme Court.

THUS AGREED AND SIGNED ON November 10th, 2018,

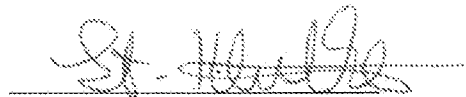
JWC Environmental LLC



By: Rob T. Sabol

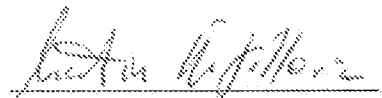
Its: Director

Sulzer Management AG



By: Stefan Kluthe

Its: Director Global IP



By: Martin Uere Villoria

Its: Head Global Technology

ANNEX 1 – LIST OF Patent Applications & Patents

IPS docket Nr	C'try	Title	Application Date	Application Nr	Publication Nr
P1424/AU	AU	INTEGRATED DIVERTER AND WASTE COMMINUTOR	30.07.1999	42383/99	AU754196
P1424/AU/2	AU	INTEGRATED DIVERTER AND WASTE COMMINUTOR	30.07.1999	56566/00	AU757030
P1424/CA	CA	INTEGRATED DIVERTER AND WASTE COMMINUTOR	29.07.1999	2279104	CA2279104
P1424/CA/2	CA	INTEGRATED DIVERTER AND WASTE COMMINUTOR	29.07.1999	2458282	CA2458282
P1424/US	US	INTEGRATED DIVERTER AND WASTE COMMINUTOR	25.09.1998	09/160180	US6176443
P1424/US/2	US	INTEGRATED DIVERTER AND WASTE COMMINUTOR	25.09.1998	09/576345	US6332984
P1426/US	US	SCREENINGS WASHER APPARATUS	26.04.2001	60/286356	-
P1426/US/2	US	SCREENINGS WASHER APPARATUS	25.04.2002	10/131040	US7086405
P1426/US/2/2	US	SCREENINGS WASHER APPARATUS	31.05.2005	11/139552	US7080650
P1427/US	US	AUGER DEWATERING SYSTEM	11.03.2003	10/384759	US7073433
P1428/US	US	SCREENINGS WASHER	25.04.2002	10/944858	US7081171
P1429/US	US	SEAL BEARING ASSEMBLY FOR USE IN A SOLID WASTE COMMINUTOR	22.04.2005	11/111975	USRE39948
P1430/US	US	SOLID WASTE COMMINUTOR	22.04.2005	11/111,976	USRE40,442
P1432/US	US	SCREENINGS WASHER APPARATUS	03.08.2006	11/498260	US7383842
P1433/CA	CA	SCREEN BLOCKAGE MEASUREMENT AND FLOW PERFORMANCE OPTIMIZATION SYSTEM	18.06.2009	2669442	CA2669442
P1433/US	US	SCREEN BLOCKAGE MEASUREMENT AND FLOW PERFORMANCE OPTIMIZATION SYSTEM	23.06.2008	12/144178	US7771589
P1433/US/2	US	SCREEN BLOCKAGE MEASUREMENT AND	23.06.2008	12/712,844	US7854850

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IPS docket Nr	C'try	Title	Application Date	Application Nr	Publication Nr
		FLOW PERFORMANCE OPTIMIZATION SYSTEM			
P1434/US	US	SCREEN BLOCKAGE MEASUREMENT AND FLOW PERFORMANCE OPTIMIZATION SYSTEM	24.06.2010	12/822733	US10086320
P1435/US	US	VERTICAL SUPPORT MEMBER FOR INTERMEDIATE YOKES ON COMMUNICATOR CUTTER SHAFTS	27.09.2012	13/628725	US9421550
P1436/PCT	WO	BRUSHLESS PERFORATED PANEL SCREEN	23.09.2015	PCT/US2015/051597	WO2016/049112
P1436/US	US	BRUSHLESS PERFORATED PANEL SCREEN	24.09.2014	62/054,656	-
P1437/PCT	WO	HIGH FLOW, HIGH CAPTURE SIDE RAIL	23.09.2015	PCT/US2015/051614	WO2016/049120
P1437/PCT/US	US	HIGH FLOW, HIGH CAPTURE SIDE RAIL	23.09.2015	14/862238	US2016/0082442
P1437/US	US	HIGH FLOW, HIGH CAPTURE SIDE RAIL	24.09.2014	62/054667	-
P1438/PCT	WO	PERFORATING ROTARY CUTTER	23.09.2015	PCT/US2015/051584	WO2016/049105
P1438/PCT/CN	CN	PERFORATING ROTARY CUTTER	23.09.2015	201580050704.2	CN106714970
P1438/PCT/DE	DE	PERFORATING ROTARY CUTTER	23.09.2015	112015004361.6	DE112015004361
P1438/PCT/GB	GB	PERFORATING ROTARY CUTTER	23.09.2015	1702358.1	GB2544918
P1438/PCT/US	US	PERFORATING ROTARY CUTTER	23.09.2015	14/862226	US2016/082444
P1438/US	US	PERFORATING ROTARY CUTTER	24.09.2014	62/054643	-
P1439/PCT	WO	TWO DIMENSIONAL CUTTING FEATURE	23.09.2015	PCT/US2015/051606	WO2016/049117
P1439/PCT/US	US	TWO DIMENSIONAL CUTTING FEATURE	23.09.2015	14/862,247	US2016/0082443
P1439/US	US	TWIN-SHAFTED GRINDER TWO-DIMENSIONAL CUTTING	24.09.2014	62/054628	-
P1440/US	US	MULTI-DIRECTIONAL WASH PRESS HELICAL SCREW REMOVAL TANK	28.09.2017	62/564662	-
P1441/US	US	PADDLE-INTERRUPTED HELICAL FLIGHT ROTOR	28.09.2017	62/564645	-
P1442/US	US	ADAPTIVE ARCHITECTURE SCREEN	21.12.2017	62/608884	-

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IPS docket Nr	C'try	Title	Application Date	Application Nr	Publication Nr
		DIVERTER AND COMMINUTOR			
P1443/US	US	SCREEN DIVERTER AND DUAL COMMINUTOR WITH CONTINUAL OPERATION	22.12.2017	62/609,547	-

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R. S.