506416257 12/21/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6463014

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEOFFREY L. LARSON	07/20/2016
CURTIS HOLMES	09/06/2016
DAVID D. WILSON	09/06/2016
BRANDON MICHAEL SMITH	09/16/2016

RECEIVING PARTY DATA

Name:	AKBEV GROUP, LLC
Street Address:	5429 SHAUNE DRIVE
City:	JUNEAU
State/Country:	ALASKA
Postal Code:	99801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16345151

CORRESPONDENCE DATA

Fax Number: (330)434-8888

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: 3304349999

Email: IPLAW@ETBLAW.COM

Correspondent Name: ROGER D. EMERSON, DANIEL A. THOMSON, TIMOTHY D. BE

Address Line 1: 1914 AKRON-PENINSULA ROAD

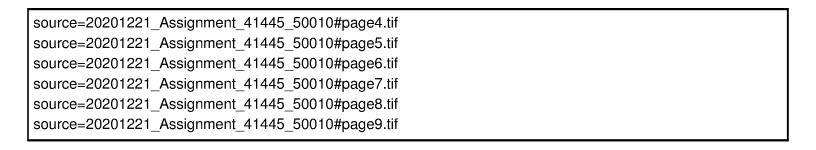
Address Line 4: AKRON, OHIO 44313

ATTORNEY DOCKET NUMBER:	41445.50010
NAME OF SUBMITTER:	PETER DETORRE
SIGNATURE:	/Peter Detorre/
DATE SIGNED:	12/21/2020

Total Attachments: 9

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PATENT 506416257 REEL: 054716 FRAME: 0403



USPTO Application No. 15/469,074, filed March 24, 2017

USPTO Application No. 16345,151, filed April 25, 2019

Docket No. 41445.50004

Docket No. 41445.50005 Docket No. 41445.500010

ASSIGNMENT:

This Assignment is made by Geoffrey L. Larson of 4740 Thane Road, Juneau, Alaska 99801, (the Coinventor), to AKBEV Group, LLC, an Alaskan limited liability company, having its principal place of business at 5429 Shaune Drive, Juneau, Alaska 99801 (the Assignee). Co-inventor believes that he/she is an original joint inventor of Spent Grain Fuel Product and Process (the Invention), which is at least partially described in the abovenumbered patent applications filed on the above-indicated dates (the Applications). Co-inventor represents and warrants that he/she is the co-owner of the right, title, and interest in and to the Invention and the Applications as joint inventor, having full right and power to convey his/her entire interest, both legal and equitable, in this Assignment. Co-inventor further represents and warrants that his/her rights transferred in this Assignment are free of lien, encumbrance, or adverse claim.

For valuable consideration, receipt and sufficiency of which are hereby acknowledged. Co-inventor and Assignee agree as follows:

- Co-inventor does hereby sell, assign, convey, and transfer exclusively to Assignee, its successors. assigns, nominees, or other legal representatives his/her worldwide rights, title, and interest in, to and under said Invention as described and claimed in any form or embodiment thereof, and in and to the Applications including in and to any application filed in this or any foreign country based thereon, including the right to file said foreign applications under the provisions of any international convention; also his/her entire right, title, and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon the Invention and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon the Invention in this or any foreign country; and in and to all income, royalties, damages, claims, and payments now or hereafter due or payable with respect thereto; and in and to all causes of action, either in law or in equity, for past, present, or future infringement based on the Invention, and Co-inventor hereby authorizes and requests the issuing authority to issue any and all patents on the Invention to said Assignee or its successors and assigns.
- Co-inventor further agrees to execute all divisional, continuing, substitute, improvement, extension, reissue, and other patent applications in this or any foreign country relating to the Invention or the Applications and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to Co-inventor, which Assignee may deem necessary or desirable to make this Assignment fully effective, including by way of example but not of limitation, the following acts:
 - prompt execution of all lawful oaths, affidavits, and/or supplemental oaths required or deemed advisable by Assignee to further the prosecution of any application or applications for patents relating to the Invention; and
 - co-operation to the best of Co-inventor's ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, derivation, review, nullification, examination, re-examination, infringement, or other proceedings involving the Invention, the Applications, or any other applications or patents upon the Invention or the Applications.
- 3. The Applications were made or were authorized to be made by Co-inventor.
- 4. Co-inventor hereby authorizes Assignee to insert into this Assignment the serial number and filing date of the Applications if not currently known.

Co-inventor, intending to be lega inventor's signature below. Co-inventor Assignment is punishable under 18 U.S.C.	hereby acknowledges that any v § 1001 by fine or imprisonment of n	
State of First Judicial	į.	
County of No. No. No.	3	
On this day of Larson, personally known, and known acknowledged before me the signing of sam	. 20 \& before to me to be the person who signed as his free act and deed.	me personally appeared Geoffrey L. ned the foregoing assignment, and
Sova Herderson	-Ana As	. Oct 31 .2017
Notary Public (Print Name)	Signature	Date Commission Expires
	STATE OF OFFICIAL Sara Hen NOTARY I My Commission	SEAL (())

USPTO Application No. 15/469,074 filed March 24, 2017 USPTO Application No. 16345,151, filed April 25, 2019 Docket No. 41445.50004

Docket No. 41445,50005

ASSIGNMENT:

This Assignment is made by <u>Curtis Holmes</u> of <u>3045 Mountainwood Circle</u>, <u>Juneau</u>, <u>Alaska 99801</u>, (the Coinventor), to <u>AKBEV Group</u>, <u>LLC</u>, an <u>Alaskan limited liability company</u>, having its principal place of business at <u>5429 Shaune Drive</u>, <u>Juneau</u>, <u>Alaska 99801</u> (the Assignee). Co-inventor believes that he/she is an original joint inventor of <u>Spent Grain Fuel Product and Process</u> (the Invention), which is at least partially described in the abovenumbered patent applications filed on the above-indicated dates (the Applications). Co-inventor represents and warrants that he/she is the co-owner of the right, title, and interest in and to the Invention and the Applications as joint inventor, having full right and power to convey his/her entire interest, both legal and equitable, in this Assignment. Co-inventor further represents and warrants that his/her rights transferred in this Assignment are free of lien, encumbrance, or adverse claim.

For valuable consideration, receipt and sufficiency of which are hereby acknowledged, Co-inventor and Assignee agree as follows:

- 1. Co-inventor does hereby sell, assign, convey, and transfer exclusively to Assignee, its successors, assigns, nominees, or other legal representatives his/her worldwide rights, title, and interest in, to and under said Invention as described and claimed in any form or embodiment thereof, and in and to the Applications including in and to any application filed in this or any foreign country based thereon, including the right to file said foreign applications under the provisions of any international convention; also his/her entire right, title, and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon the Invention and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon the Invention in this or any foreign country; and in and to all income, royalties, damages, claims, and payments now or hereafter due or payable with respect thereto; and in and to all causes of action, either in law or in equity, for past, present, or future infringement based on the Invention; and Co-inventor hereby authorizes and requests the issuing authority to issue any and all patents on the Invention to said Assignee or its successors and assigns.
- 2. Co-inventor further agrees to execute all divisional, continuing, substitute, improvement, extension, reissue, and other patent applications in this or any foreign country relating to the Invention or the Applications and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to Co-inventor, which Assignee may deem necessary or desirable to make this Assignment fully effective, including, by way of example but not of limitation, the following acts:
 - a. prompt execution of all lawful oaths, affidavits, and/or supplemental oaths required or deemed advisable by Assignee to further the prosecution of any application or applications for patents relating to the Invention; and
 - b. co-operation to the best of Co-inventor's ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, derivation, review, nullification, examination, re-examination, infringement, or other proceedings involving the Invention, the Applications, or any other applications or patents upon the Invention or the Applications.
- 3. The Applications were made or were authorized to be made by Co-inventor.
- 4. Co-inventor hereby authorizes Assignee to insert into this Assignment the serial number and filing date of the Applications if not currently known.

Co-inventor, intending to be legally bound, has signed this Assignment on the date written by the Co-inventor's signature below. Co-inventor hereby acknowledges that any fillful false statement made in this Assignment is punishable under 18 U.S.C. § 100s by fixe of imprisonment of not more than five (5) years, or both.

Curtis Holmes

Date

State of Alaska

County of Tiest Walking County (C)

On this day of 2000, before me personally appeared Curtis Holmes, personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged before me the signing of same as his free aet and deed.

Sava Heraterson / Notary Public (Print Name)

Signature Date Commission Expires

STATE OF ALASKA
OFFICIAL SEAL
Sara Henderson
NOTARY PUBLIC
My Commission Expires

USPTO Application No. 15/469,074, filed March 24, 2017 USPTO Application No. 16345,151, filed April 25, 2019 Docket No. 41445.50004

Docket No. 41445.50005 Docket No. 41445.500010

ASSIGNMENT

This Assignment is made by <u>David D. Wilson</u> of 3314 Park Place, Juneau, Alaska 99801, (the Coinventor), to <u>AKBEV Group, LLC</u>, an <u>Alaskan</u> limited liability company, having its principal place of business at 5429 Shaune <u>Drive</u>, Juneau, Alaska 99801 (the Assignee). Co-inventor believes that he/she is an original joint inventor of <u>Spent Grain Fuel Product and Process</u> (the Invention), which is at least partially described in the above-numbered patent applications filed on the above-indicated dates (the Applications). Co-inventor represents and warrants that he/she is the co-owner of the right, title, and interest in and to the Invention and the Applications as joint inventor, having full right and power to convey his/her entire interest, both legal and equitable, in this Assignment. Co-inventor further represents and warrants that his/her rights transferred in this Assignment are free of lien, encumbrance, or adverse claim.

For valuable consideration, receipt and sufficiency of which are hereby acknowledged, Co-inventor and Assignee agree as follows:

- 1. Co-inventor does hereby sell, assign, convey, and transfer exclusively to Assignee, its successors, assigns, nominees, or other legal representatives his/her worldwide rights, title, and interest in, to and under said Invention as described and claimed in any form or embodiment thereof, and in and to the Applications including in and to any application filed in this or any foreign country based thereon, including the right to file said foreign applications under the provisions of any international convention; also his/her entire right, title, and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon the Invention and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon the Invention in this or any foreign country; and in and to all income, royalties, damages, claims, and payments now or hereafter due or payable with respect thereto; and in and to all causes of action, either in law or in equity, for past, present, or future infringement based on the Invention; and Co-inventor hereby authorizes and requests the issuing authority to issue any and all patents on the Invention to said Assignee or its successors and assigns.
- 2. Co-inventor further agrees to execute all divisional, continuing, substitute, improvement, extension, reissue, and other patent applications in this or any foreign country relating to the Invention or the Applications and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to Co-inventor, which Assignee may deem necessary or desirable to make this Assignment fully effective, including, by way of example but not of limitation, the following acts:
 - a. prompt execution of all lawful oaths, affidavits, and/or supplemental oaths required or deemed advisable by Assignee to further the prosecution of any application or applications for patents relating to the Invention; and
 - b. co-operation to the best of Co-inventor's ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, derivation, review, nullification, examination, re-examination, infringement, or other proceedings involving the Invention, the Applications, or any other applications or patents upon the Invention or the Applications.
- 3. The Applications were made or were authorized to be made by Co-inventor.
- 4. Co-inventor hereby authorizes Assignee to insert into this Assignment the serial number and filing date of the Applications if not currently known.

STATE OF ALASKA
OFFICIAL SEAL
Sara Henderson
NOTARY PUBLIC
My Commission Expires 10 21 11

USPTO Application No. 15/469,074filed March 24, 2017 USPTO Application No. 16345,151, filed April 25, 2019 Docket No. 41445.50004

Docket No. 41445.50005 Docket No. 41445.500010

ASSIGNMENT

This Assignment is made by <u>Brandon Michael Smith</u> of 12 <u>Rubicon Ct.</u> Chico, California 95928, (the Coinventor), to <u>AKBEV Group, LLC</u>, an <u>Alaskan</u> limited liability company, having its principal place of business at 5429 <u>Shaune Drive. Juneau</u>, <u>Alaska 99801</u> (the Assignee). Co-inventor believes that he/she is an original joint inventor of <u>Spent Grain Fuel Product and Process</u> (the Invention), which is at least partially described in the abovenumbered patent applications filed on the above-indicated dates (the Applications). Co-inventor represents and warrants that he/she is the co-owner of the right, title, and interest in and to the Invention and the Applications as joint inventor, having full right and power to convey his/her entire interest, both legal and equitable, in this Assignment. Co-inventor further represents and warrants that his/her rights transferred in this Assignment are free of lien, encumbrance, or adverse claim.

For valuable consideration, receipt and sufficiency of which are hereby acknowledged. Co-inventor and Assignee agree as follows:

- 1. Co-inventor does hereby sell, assign, convey, and transfer exclusively to Assignee, its successors, assigns, nominees, or other legal representatives his/her worldwide rights, title, and interest in, to and under said Invention as described and claimed in any form or embodiment thereof, and in and to the Applications including in and to any application filed in this or any foreign country based thereon, including the right to file said foreign applications under the provisions of any international convention; also his/her entire right, title, and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon the Invention and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon the Invention in this or any foreign country; and in and to all income, royalties, damages, claims, and payments now or hereafter due or payable with respect thereto; and in and to all causes of action, either in law or in equity, for past, present, or future infringement based on the Invention; and Co-inventor hereby authorizes and requests the issuing authority to issue any and all patents on the Invention to said Assignee or its successors and assigns.
- 2. Co-inventor further agrees to execute all divisional, continuing, substitute, improvement, extension, reissue, and other patent applications in this or any foreign country relating to the Invention or the Applications and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to Co-inventor, which Assignee may deem necessary or desirable to make this Assignment fully effective, including, by way of example but not of limitation, the following acts:
 - a. prompt execution of all lawful oaths, affidavits, and/or supplemental oaths required or deemed advisable by Assignee to further the prosecution of any application or applications for patents relating to the Invention; and
 - b. co-operation to the best of Co-inventor's ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, derivation, review, nullification, examination, re-examination, infringement, or other proceedings involving the Invention, the Applications, or any other applications or patents upon the Invention or the Applications.
- The Applications were made or were authorized to be made by Co-inventor.
- 4. Co-inventor hereby authorizes Assignee to insert into this Assignment the serial number and filing date of the Applications if not currently known.

inventor's signature below. Co-inve	legally bound, has signed this Assignmentor hereby acknowledges that any w 6.C. § 1001 by fine or imprisonment of no	illful false statement made in this t more than five (5) years, or both,
	Brandon Michael Smith	
State of	J	
County of)	See attached
On this day of Michael Smith, personally known, an acknowledged before me the signing of	id known to me to be the person who si	me personally appeared Brandon gned the foregoing assignment, and
	and the second of the second o	
Notary Public (Print Name)	Signature	Date Commission Expires

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

validity of that document.	
State of California County of <u>らい</u>	,
On <u>Sprember 16, 2016</u> before me, <u>Clina McCam</u> (Insert name and	man, Notary Public title of the officer)
personally appeared Brandon Michael Smith	
who proved to me on the basis of satisfactory evidence to be the persubscribed to the within instrument and acknowledged to me that he his/her/their authorized capacity(ies), and that by his/her/their signatuperson(s), or the entity upon behalf of which the person(s) acted, exe	she/they executed the same in
I certify under PENALTY OF PERJURY under the laws of the State of paragraph is true and correct.	
	\$5000000000000000000000000000000000000

WITNESS my hand and official seal.

RECORDED: 12/21/2020

Signature <u>Ivin (Ll)ur</u> (Se

Notary Public - California Butte County My Comm. Expires Apr 28, 21

GINA MCCAMMON

Commission # 2109225