PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2985098

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
PETER HAALAND	08/13/2014
DYLAN BETHEL	08/14/2014

RECEIVING PARTY DATA

Name:	BLACKPAK, INC.	
Street Address:	750 BATTERY STREET, 7TH FLOOR	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94111	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14461577

CORRESPONDENCE DATA

Fax Number: (312)222-0818

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: (312) 222-0800

Email:chiipdocket@michaelbest.comCorrespondent Name:JOSEPH M. PLETCHER, PH.D.Address Line 1:180 N. STETSON AVE., SUITE 2000

Address Line 4: CHICAGO, ILLINOIS 60601

ATTORNEY DOCKET NUMBER:	206795-9001-US00	
NAME OF SUBMITTER:	ER: JOSEPH M. PLETCHER, PH.D.	
SIGNATURE:	/Joseph M. Pletcher, Ph.D./	
DATE SIGNED:	08/18/2014	

Total Attachments: 5

source=206795-9001-US00-ASSIGNMENT-BlackPak-08-18-14#page1.tif source=206795-9001-US00-ASSIGNMENT-BlackPak-08-18-14#page2.tif source=206795-9001-US00-ASSIGNMENT-BlackPak-08-18-14#page3.tif source=206795-9001-US00-ASSIGNMENT-BlackPak-08-18-14#page4.tif source=206795-9001-US00-ASSIGNMENT-BlackPak-08-18-14#page5.tif

PATENT 502938499 REEL: 033552 FRAME: 0172

ASSIGNMENT

WHEREAS, Peter Haaland, and Dylan Bethel, hereinafter called the "Assignors" have made the invention described in the United States patent application entitled "SORPTION PUMPS AND STORAGE FOR GASES" that has a U.S. Patent Application Number of 14/461,577, filed on August 18, 2014.

WHEREAS, BlackPak, Inc., a corporation, having a place of business at 750 Battery Street, 7th Floor, San Francisco, CA 94111, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below.

NOW THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

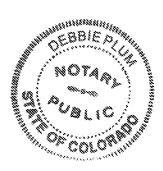
The Assignors hereby covenant and agree, for both the Assignors and Assignors' legal representative, that Assignors have the full right to convey the interest assigned by this Assignment; and that the Assignors will assist the Assignee in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the invention identified above, in vesting in the Assignee like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of the Assignment; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor(s) has executed this agreement.

/4/2/
Peter Haaland
859 Wapiti Drive
Fraser, Colorado, 80442
Dated: 8/13/2014
STATE OF Colorado)
countrof Grand
Subscribed and meson to believe me

Notary Public exp. 10/11/2015



ASSIGNMENT

WHEREAS, Peter Haaland, and Dylan Bethel, hereinafter called the "Assignors" have made the invention described in the United States patent application entitled "SORPTION PUMPS AND STORAGE FOR GASES" that has a U.S. Patent Application Number of 14/461,577 , filed on August 18, 2014.

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NOW THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and Assignors' legal representative, that Assignors have the full right to convey the interest assigned by this Assignment; and that the Assignors will assist the Assignee in the prosecution of the patent applications identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the invention identified above, in vesting in the Assignee like exclusive title in and to all such other patent applications and patents, in the prosecution of any interference which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of the Assignment; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

Dylan Bethel

2939 California St.

Oakland, California, 94602

Dated: 8/14/19

STATE OF CANBERTONA

)88

COUNTY OF San Francis)

Subscribed and swarn to before me this 14 day of Possys 2014.

Notary Public

(see attached)

State of California County of San Francisco	
On <u>Pw5 14, 2014</u> before me,	Flaire Out Notary Public
	Ylan Bethal
ELAINE QU Commission # 2052724 Notary Public - California San Francisco County My Chrim Expire Lin 17 2016	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ics), and that by his/her/their signature(s)—on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
Place Notary Sees Abrove	Signature:
OPTI	ONAL
I nough the information below is not required by it and could prevent fraudulent removal s	w, it may prove valuable to persons relying on the document and realtschment of this form to another document.
Description of Attached Document	
Title or Type of Document: VATU	
Document Date: Avgust 14	, 2-a) Y Number of Pages: 3
Signer(s) Other Than Named Above:	***************************************
Capacity(ies) Claimed by Signer(s)	
Signer's Name:	Signer's Name:
☐ Corporate Officer — Title(s):	Corporate Officer — Title(s)
✓ Individual Individual	1 Individual
☐ Partner — ☐ Limited ☐ General Top of thomb he	!
Attorney in Fact	☐ Attorney in Fact
C Trustee	□ Trustee
☐ Guardian or Conservator	☐ Guardian or Conservator
[] Other:	☐ Other:
Signer Is Representing:	Signer Is Representing:

PATENT REEL: 033552 FRAME: 0177

Bem #5907

RECORDED: 08/18/2014

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