PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3085345

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONALD P. AUPPERLE	10/21/2014
MIKEL S. OLANDER	10/24/2014
BENJAMIN M. BEIERWALTES	10/27/2014
WILLIAM T. BEIERWALTES	10/23/2014
JAMES G. GASPARD II	10/24/2014

RECEIVING PARTY DATA

Name:	BIOCHAR NOW, LLC
Street Address:	1907 GAIL COURT
City:	LOVELAND
State/Country:	COLORADO
Postal Code:	80537

PROPERTY NUMBERS Total: 2

Property Type	Number
PCT Number:	US1330079
Application Number:	14384351

CORRESPONDENCE DATA

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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ATTORNEY DOCKET NUMBER:	3800-002-PCT/3800-002-USP	
NAME OF SUBMITTER:	MARK D. TRENNER	
SIGNATURE:	/Mark D. Trenner/	
DATE SIGNED:	10/29/2014	

Total Attachments: 6

PATENT
REEL: 034057 FRAME: 0872

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PATENT REEL: 034057 FRAME: 0873

ASSIGNMENT OF PATENT APPLICATION

The undersigned ASSIGNOR(S), have agreed and hereby agree to assign to ASSIGNEE, wherein:

ASSIGNORS: <u>Donald P. Aupperle, Mikel S. Olander, Benjamin M. Beierwaltes,</u> William T. Beierwaltes, and James G. Gaspard II,

ASSIGNEE: <u>BIOCHAR NOW, LLC, a Colorado Limited Liability Company, having offices at 1907 Gail Court, Loveland, Colorado 80537</u>

FOR good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer to **ASSIGNEE**, its successors and assigns, the entire right, title, and interest, including the right of priority, in, to, and under an application for patent as follows:

ATTORNEY REF. NO.:	3800-002-PCT
APPLICATION TYPE:	UTILITY
APPLICATION NO:	PCT/US2013/030079
TITLE:	AIRFLOW CONTROL AND HEAT RECOVERY IN A MANAGED KILN
INVENTOR(S):	Donald P. Aupperle, Mikel S. Olander,
	Benjamin M. Beierwaltes William T. Beierwaltes, and James G. Gaspard II
FILING DATE:	March 9, 2013

AND the invention(s) and improvement(s) set forth therein, and any and all applications, continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes resulting from said application for patent, and any and all Letters Patent of the United States, PCT, and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or re-examinations, or extensions of said application for patent.

ASSIGNORS additionally authorize ASSIGNEE to file applications in my name for Letters Patent in any country, to be held and enjoyed by ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale, and transfer not been made;

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AND ASSIGNORS hereby covenant that ASSIGNORS have full right to convey the entire interest herein assigned, and that ASSIGNORS have not executed and will not execute any agreement in conflict herewith, and ASSIGNORS further covenant and agree that ASSIGNORS will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said applications and said Letters Patent(s), to ASSIGNEE, its successors, assigns, nominees, or legal representatives, and ASSIGNORS agree to communicate to ASSIGNEE, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application(s) and said Letters Patent(s), to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by ASSIGNEE.

AND ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to ASSIGNEE, as assignee of the entire right, title, and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, as ASSIGNORS we have hereunto set our hand and affixed our seal on the date set forth hereinafter.

EXECUTED OCT 21, 2014 July July ASSIGNOR: Donald P Aupperle

Date: 58201 10, 2015

county of King)s

Before me this 21st day of OCtobac, in the year of 2014

personally appeared <u>Donald P. Aupperle</u>, known to me to be the individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his/her own free will and for the purpose therein set forth.

My commission expires:

Hotary Public
State of Weshington
MICHELLE D ALKE
My Appointment Expires Aug 20, 2017

Notary Public

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ASSIGNOR: Mikel S. Olander

Date: Effective Sept. 10,2014 Signed Oct. 24,2014	
STATE OF Colorado	<u>)</u>
COUNTY OF LACTOR) 88 -)
Before me this <u>OUT</u> day of <u>C</u>	otobec in the year of 2014
personally appeared Mikel S. Olander, know	en to me to be the individual who executed the foregoing
	t he executed the same of his/her own free will and for the
purpose therein set forth.	
My commission expires: 1994 EASTHAN NOTARY PUBLIC STATE OF COLORADO W COMMISSION SARES 02087803	H. Laston Notary Public
	ASSIGNOR: Benjamin M. Beierwaltes
Date:	
STATE OF	
COUNTY OF) ss)
Before me this day of	in the year of
	tes, known to me to be the individual who executed the
foregoing instrument, and who acknowledged	to me that he executed the same of his/her own free will
and for the purpose therein set forth,	
My commission expires:	
(SEAL)	
Commence	Notary Public

ASSIGNOR: Mikel S. Olander

Date:	
STATE OF) }ss
COUNTY OF)
Refore me thisday of	, in the year of
margaretty appeared Mikel S. Olander, k	nown to me to be the individual who executed the folegoing
instrument and who acknowledged to me	that he executed the same of his/her own free will and for the
purpose therein set forth.	
purpose merom socrassia	
My commission expires:	
[SEAL]	Notary Public
	•
	ASSIGNOR: Benjamin M. Beierwaltes
Date: 00+27-2014	
	}
STATE OF CONTROL OF THE STATE OF CONTROL OF THE STATE OF) ss
COUNTY OF SOLL CLEA	
Before me this 2 day of	in the year of 2014
nersonally appeared Benjamin M. Beis	erwaltes, known to me to be the marriadal who character
foregoing instrument, and who acknowle	edged to me that he executed the same of his/her own free will
and for the purpose therein set forth.	
My commission expires:	. 17. 2011) ()
[SEAL]	- (Albino Bablio
CAMILA ANDREA TONKS	Notary Public
Notary Public State of Colorado	3
Notary ID 20134025856 My Commission Expires Jul 17, 2017	3 PATENT
Spellical Hudhod Bod Hudhod Hudhod Hond Book Brad	DEEL - 03/057 EDAME- 0877

PATENT REEL: 034057 FRAME: 0877 ASSIGNOR: William T. Beierwaltes

Date: <u>SEPT 10, 2014</u>			
STATE OF <u>Colorado</u> COUNTY OF <u>Lacimer</u>)) ss		
COUNTY OF Lanner) ~ () ()		Occus
Before me this 2300 day of	CEPOS	_, in the year of	20-7-7
personally appeared William T. Beierwalte	s, known to me	to be the individua	who executed the
foregoing instrument, and who acknowledged	to me that he ex-	ecuted the same of h	is/her own free will
and for the purpose therein set forth.			
My commission expires: May 1, 2	%)7 J	parameter and a second a second and a second a second and	
[SEAL]	Notary	D. Alia	· · · · · · · · · · · · · · · · · · ·
SHANE JUSTIN ZIMMERMANN NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20134019264 NY COMMISSION EXPRES MAY 1, 2017	ASSIGNOR: J	ames G. Gaspard, I	
Date:			
STATE OF)		
COUNTY OF) ss)		
Before me this day of	•	in the year of	
personally appeared James G. Gaspard, II k	rosen to me to be	the individual who e	xecuted the foregoing
instrument, and who acknowledged to me th	at he executed the	same of his/her owr	free will and for the
	at no expedient are		
purpose therein set forth.			
My commission expires:			
[SEAL]	Notary	/ Public	

ASSIGNOR: William T. Beierwaltes

Date:	
STATE OF)) ss
COUNTY OF	Ś
Before me this day of	, in the year of
personally appeared William T. Beierwaltes	, known to me to be the individual who executed the
	to me that he executed the same of his/her own free will
and for the purpose therein set forth.	
My commission expires:	
(SEAL)	Notary Public
	ASSIGNOR: James G. Gaspard, II
Date:	
STATE OF COLORADO	}
COUNTY OF Larimer) ss)
· · · · · · · · · · · · · · · · · · ·	
	OCTOBEL, in the year of 2014
	own to me to be the individual who executed the foregoing
instrument, and who acknowledged to me that	he executed the same of his/her own free will and for the
purpose therein set forth.	
My commission expires:	Olyl Sides Notary Public
CHERYL BROWN	Nodary Public
NOTARY PUBLIC STATE OF COLORADO NOTARY ID 20024023445 MY COMMISSION EXPIRES 7-23-2018	Committee of the control of the cont

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RECORDED: 10/29/2014