

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5221998

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CLEARSTAK LLC	04/06/2016
RECEIVING PARTY DATA	
Name:	BIOMASS CONTROLS, LLC
Street Address:	99 CANAL STREET
City:	PUTNAM
State/Country:	CONNECTICUT
Postal Code:	06260
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16180257
CORRESPONDENCE DATA	
Fax Number:	(617)443-0004
<i>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.</i>	
Phone:	617-443-9292
Email:	emiller@sunsteinlaw.com
Correspondent Name:	ROBERT M. ASHER
Address Line 1:	SUNSTEIN KANN MURPHY & TIMBERS LLP
Address Line 2:	125 SUMMER STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	3655/117
NAME OF SUBMITTER:	ROBERT M. ASHER
SIGNATURE:	/Robert M. Asher, #30,445/
DATE SIGNED:	11/05/2018
Total Attachments: 5	
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PATENT ASSIGNMENT

WHEREAS, CLEARSTAK LLC (hereinafter "Assignor"), a Connecticut corporation, having a place of business at 99 Canal Street, Putnam, Connecticut 06260, is the owner of the entire right, title and interest in and to the inventions disclosed in the patent applications and patents on the schedule attached hereto and incorporated herein by reference as Exhibit A and in and to such patent applications and such patents, and is a co-owner of the entire right, title and interest in and to the inventions disclosed in the patent applications and patents on the schedule attached hereto and incorporated herein by reference as Exhibit B and in and to such patent applications and such patents;

WHEREAS, BIOMASS CONTROLS, LLC (hereinafter "Assignee"), a Connecticut corporation, having a place of business at 99 Canal Street, Putnam, Connecticut 06260, is desirous of acquiring all the right, title and interest in and to such inventions, patent applications and patents owned by Assignor;

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer to Assignee, its successors and assigns, all the right, title and interest in and to such inventions, such patent applications and such patents and any patents owned by Assignor, and any reissues and extensions thereof, which issue or have issued in any country upon patent applications which correspond with any of such applications or patents or any divisional, continuation-in-whole, or continuation-in-part thereof, including the right to sue and collect for past infringement, to the extent they are or would be owned by Assignor; the same to be held and enjoyed by Assignee for its own use, and for the use of its legal representatives, to the full term for which such patents have been granted as fully and entirely as the same would have been held by Assignor had this assignment not been made.

Assignor does hereby further covenant and agree that it will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor, its successors and assigns, will at any time upon request without further additional consideration, but at the expense of Assignee, its successors and assigns, execute such additional writings and do such additional acts as Assignee, its successors and assigns, may determine as necessary or desirable in the enjoyment of this grant, and in any proceedings or transactions involving such inventions, patent applications or patents.

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be executed as of the date indicated below.

CLEARSTAK LLC

By: [Signature]
Name: John Schneider
Address: 99 Canal Street, Putnam, CT
Title: CEO

Date: 4/6, 2016

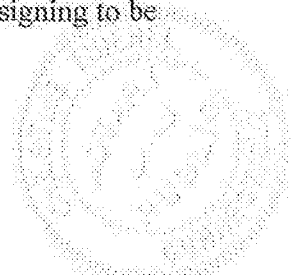
CERTIFICATE OF ACKNOWLEDGMENT

STATE OF CONNECTICUT
COUNTY OF Tolland

Before me, the undersigned, a Notary Public in and for the county aforesaid, on this 6th day of April, 2016, John Schneider personally appeared and who being by me duly sworn, deposes and says that he/she is the CEO of CLEARSTAK LLC and that he/she is authorized to sign and has signed the foregoing instrument as such CEO for CLEARSTAK LLC and that he/she acknowledges such signing to be the free act and deed of CLEARSTAK LLC.

CHRISTINE THIENEL
NOTARY PUBLIC OF CONNECTICUT
My Commission Expires 12/31/2019

[Signature]
Notary Public
My Commission Expires: 12/31/2019



WITNESS OF EXECUTION BY ASSIGNOR

Witness #1 Signature: <u>[Signature]</u> Name: <u>William Beckwith</u> Address: <u>65 ARVIDSON RD, WOODSTOCK CT 06281</u>	Witness #2 Signature: <u>[Signature]</u> Name: <u>ERIC DITTRICH</u> Address: <u>29 PRIGT HILLED BELLFIELD, MIDDLETOWN</u>
<p align="center">NOTARIZATION OF WITNESS</p> STATE OF <u>CT</u> COUNTY OF <u>Tolland</u> <p>Before me, the undersigned, a Notary Public in and for the county aforesaid, on this <u>6th</u> day of <u>April</u>, 2016, <u>WILLIAM BECKWITH</u> personally appeared and who being by me duly sworn, deposes and says that he has witnessed the execution of this Assignment by the <u>CEO</u> of CLEARSTAK LLC and that he/she acknowledges such signing to be his/her free act and deed.</p> <u>[Signature]</u> Notary Public My Commission Expires: <u>12-31-2019</u> (seal)	<p align="center">NOTARIZATION OF WITNESS</p> STATE OF <u>CT</u> COUNTY OF <u>Tolland</u> <p>Before me, the undersigned, a Notary Public in and for the county aforesaid, on this <u>6th</u> day of <u>April</u>, 2016, <u>ERIC DITTRICH</u> personally appeared and who being by me duly sworn, deposes and says that he has witnessed the execution of this Assignment by the <u>CEO</u> OF CLEARSTAK LLC and that he/she acknowledges such signing to be his/her free act and deed.</p> <u>[Signature]</u> Notary Public My Commission Expires: <u>12-31-2019</u> (seal)

DECLARATION OF ACCEPTANCE BY ASSIGNEE

The above named Assignee, BIOMASS CONTROLS, LLC, hereby declares that, with effect from this 8th day of April, 2016, it accepts the inventions, patent applications and patents, including all goodwill of the business symbolized by such patents, including all rights to recover past, present and future damages for infringement, assigned to it by Assignor, CLEARSTAK LLC, pursuant to the foregoing Patent Assignment.

BIOMASS CONTROLS, LLC

By: J. Hollowell Date: 8 April, 2016
Name: Jeffrey R. Hollowell
Address: 99 Canal Street, Putnam, CT 06260
Title: President

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF CONNECTICUT

COUNTY OF Windham SS. Putnam

Before me, the undersigned, a Notary Public in and for the county aforesaid, on this 8th day of April, 2016, Jeffrey R. Hollowell for BIOMASS CONTROLS, LLC personally appeared and who being by me duly sworn, deposes and says that he/she is the President of BIOMASS CONTROLS, LLC and that he/she is authorized to sign and has signed the foregoing instrument as such President for BIOMASS CONTROLS, LLC and that he/she acknowledges such signing to be the free act and deed of BIOMASS CONTROLS, LLC.

Chelsea Couzi
Notary Public

My Commission Expires: **CHELSEA COUZI**
NOTARY PUBLIC
STATE OF CONNECTICUT
MY COMMISSION EXPIRES SEPT. 30, 2019



EXHIBIT A

Attorney Docket	Country	Title	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
3655/101	US	Intelligently-Controlled Catalytic Converter for Biofuel-Fired Boiler	61/410,598	05-Nov-2010				
3655/102	AU	Intelligently-Controlled Catalytic Converter for Biofuel-Fired Boiler	2011323160	05-Nov-2011	AU 2011323160	10-May-2010	2011323160	7-Jan-2016
3655/102	CA	Intelligently-Controlled Catalytic Converter for Biofuel-Fired Boiler	2,815,827	05-Nov-2011				
3655/102	EP	Intelligently-Controlled Catalytic Converter for Biofuel-Fired Boiler	11782744.4	05-Nov-2011				
3655/102	US	Intelligently-Controlled Catalytic Converter for Biofuel-Fired Boiler	13/290,082	05-Nov-2011	US-2012-0116589	10-May-2012	8,812,162	19-Aug-2014
3655/102	WO	Intelligently-Controlled Catalytic Converter for Biofuel-Fired Boiler	PCT/US11/59480	05-Nov-2011	WO 2012/061795	10-May-2012		
3655/103	US	Safety Device for Catalytic Converter	61/658,749	12-Jun-2012				
3655/104	EP	Safety Device for Catalytic Converter	13731576.8	11-Jun-2013	2864699	29-Apr-2015		
3655/104	US	Safety Device for Catalytic Converter	13/914,832	11-Jun-2013	US-2013-0330241	12-Dec-2013		
3655/104	WO	Safety Device for Catalytic Converter	PCT/US13/45065	11-Jun-2013	WO2013188329	19-Dec-2013		
3655/108	US	Intelligent Oxygen Level Controller for Biofuel-Fired Burner	14/460,782	15-Aug-2014	2015-0211738	30-Jul-2015		
3655/111	US	Multi-Fuel Biomass Furnace	12/332,759	11-Dec-2008				

EXHIBIT B

Attorney Docket	Country	Title	Application Number	Filing Date	Publication Number	Publication Date	Patent Number	Issue Date
3655/105	US	Fuel Feed and Air Feed Controller for Biofuel-Fired Boiler	61/877,663	13-Sep-2013				
3655/109	US	Fuel Feed and Air Feed Controller for Biofuel-Fired Furnace	14/485,719	13-Sep-2014	US 2015/0081086	19-Mar-2015		
3655/109	WO	Fuel Feed and Air Feed Controller for Biofuel-Fired Furnace	PCT/US14/55541	13-Sep-2014	WO 2015/038994	19-Mar-2015		
3655/112	US	Combined Heat, Power, and Biochar with Ventilator	14/656,577	12-Mar-2015	US-2015-0259603	17-Sep-2015		
3655/112	WO	Combined Heat, Power, and Biochar with Ventilator	PCT/US15/20284	12-Mar-2015	WO 2015/138800	17-Sep-2015		

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