

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3698701

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ERIC J. ESSWEIN	05/21/2013
MICHAEL BREITENSTEIN	05/13/2013
JOHN E. SNAWDER	05/13/2013
MICHAEL G. GRESSEL	05/21/2013
JERRY L. KRATZER	05/21/2013
RECEIVING PARTY DATA	
Name:	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
Street Address:	6011 EXECUTIVE BOULEVARD
Internal Address:	SUITE 325, MSC 7660
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20892-7660
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14992963
CORRESPONDENCE DATA	
Fax Number:	(503)595-5301
<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:	5035955300
Email:	sarah.flugum@klarquist.com
Correspondent Name:	DEAKIN LAUER, KLARQUIST SPARKMAN, LLP
Address Line 1:	121 SW SALMON STREET
Address Line 2:	SUITE 1600
Address Line 4:	PORTLAND, OREGON 97204
ATTORNEY DOCKET NUMBER:	4239-88200-03
NAME OF SUBMITTER:	DEAKIN T. LAUER
SIGNATURE:	/Deakin T. Lauer/
DATE SIGNED:	01/15/2016

Total Attachments: 8

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ASSIGNMENT

We, Eric J. Esswein, of Conifer, Colorado, a citizen of the United States of America, Michael Breitenstein, of Cincinnati, Ohio, a citizen of the United States of America, John E. Snawder, of Williamstown, Kentucky, a citizen of the United States of America, Michael G. Gressel, of Cincinnati, Ohio, a citizen of the United States of America, and Jerry L. Kratzer, a citizen of the United States of America have invented SYSTEMS AND METHODS FOR CONTROLLING PARTICULATE RELEASE FROM LARGE EQUIPMENT. This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ United States of America rights, title and interest in the invention.
- ☒ Foreign rights, title and interest in the invention.
- ☐ An application to the Commissioner for Patents of the United States of America filed herewith.
- ☐ An application to the Commissioner for Patents of the United States of America has been executed by the undersigned on: _____.
- ☒ United States Provisional Patent Application Serial No. 61/673,658 filed on July 19, 2012.
- ☒ United States Patent Application Serial No. 13/802,265; Date of Execution: _____; Date of Filing: March 13, 2013.
- ☐ United States Patent No(s): _____.
- ☐ International PCT Patent Application Serial No. _____ filed on _____.
- ☐ Other (specify): _____.

We were employed by the Department of Health and Human Services at the time the invention was made. The conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and successors and assigns, our full and exclusive right, title, and interest in the patent application and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to THE GOVERNMENT, as assignee of our entire right, title, and interest to be held as fully and entirely as the same would

have been held by us had this assignment not been made.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to THE GOVERNMENT, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

We have authorized THE GOVERNMENT to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. THE GOVERNMENT has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

We grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

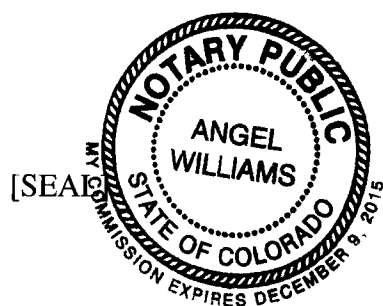
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 5/21/2013

Eric J. Esswein
Eric J. Esswein

STATE OF Colorado
COUNTY OF Jefferson ss.

This 21st day of May, 2013, before me personally came the above-named Eric J. Esswein, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Eric J. Esswein's own free will for the purpose set forth therein.



Angel Williams
Notary Public for Wells Fargo
My commission expires: 12/9/2015

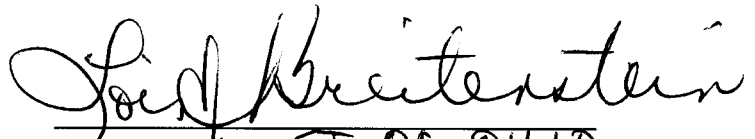
Dated: 5/13/2013


Michael Breitenstein

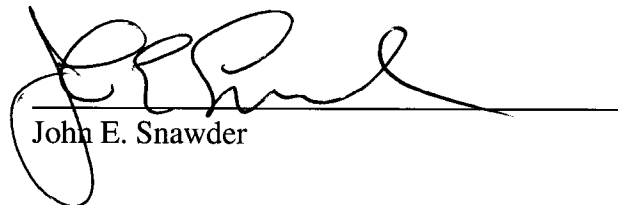
STATE OF OHIO
COUNTY OF HAMILTON SS.

This 13TH day of MAY, 2013, before me personally came the above-named Michael Breitenstein, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Michael Breitenstein's own free will for the purpose set forth therein.




Notary Public for ST OF OHIO
My commission expires: MAY 08, 2016
LOIS E. BREITENSTEIN
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES MAY 08, 2016

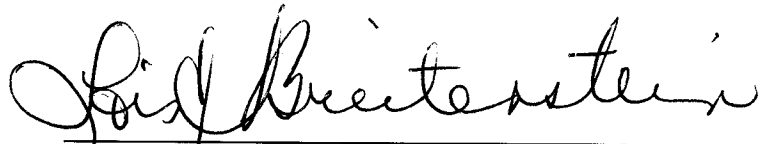
Dated: 5/13/2013


John E. Snawder

STATE OF OHIO
COUNTY OF HAMILTON SS.

This 13TH day of MAY, 2013, before me personally came the above-named John E. Snawder, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by John E. Snawder's own free will for the purpose set forth therein.




Notary Public for ST OF OHIO
My commission expires: MAY 08, 2016
LOIS E. BREITENSTEIN
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES MAY 08, 2016

Dated: _____

Michael G. Gressel

STATE OF _____)
) ss.
COUNTY OF _____)

This ____ day of _____, _____, before me personally came the above-named Michael G. Gressel, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Michael G. Gressel's own free will for the purpose set forth therein.

Notary Public for _____
My commission expires: _____

[SEAL]

Dated: _____

Jerry L. Kratzer

STATE OF _____)
) ss.
COUNTY OF _____)

This ____ day of _____, _____, before me personally came the above-named Jerry L. Kratzer, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Jerry L. Kratzer's own free will for the purpose set forth therein.

Notary Public for _____
My commission expires: _____

[SEAL]

ASSIGNMENT

We, Eric J. Esswein, of Conifer, Colorado, a citizen of the United States of America, Michael Breitenstein, of Cincinnati, Ohio, a citizen of the United States of America, John E. Snawder, of Williamstown, Kentucky, a citizen of the United States of America, Michael G. Gressel, of Cincinnati, Ohio, a citizen of the United States of America, and Jerry L. Kratzer, a citizen of the United States of America have invented SYSTEMS AND METHODS FOR CONTROLLING PARTICULATE RELEASE FROM LARGE EQUIPMENT. This is an Assignment of the following rights, title and interest: (check all that apply):

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- ☐ International PCT Patent Application Serial No. _____ filed on _____.
- ☐ Other (specify): _____.

We were employed by the Department of Health and Human Services at the time the invention was made. The conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and successors and assigns, our full and exclusive right, title, and interest in the patent application and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to THE GOVERNMENT, as assignee of our entire right, title, and interest to be held as fully and entirely as the same would

have been held by us had this assignment not been made.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to THE GOVERNMENT, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

We have authorized THE GOVERNMENT to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. THE GOVERNMENT has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

We grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: _____

Eric J. Esswein

STATE OF _____)
) ss.

COUNTY OF _____)

This ____ day of _____, _____, before me personally came the above-named Eric J. Esswein, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Eric J. Esswein's own free will for the purpose set forth therein.

Notary Public for _____
My commission expires: _____

[SEAL]

Dated: _____

Michael Breitenstein

STATE OF _____)
) ss.
COUNTY OF _____)

This ____ day of _____, _____, before me personally came the above-named Michael Breitenstein, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Michael Breitenstein's own free will for the purpose set forth therein.

Notary Public for _____
My commission expires:

[SEAL]

Dated: _____

John E. Snawder


STATE OF _____)
) ss.
COUNTY OF _____)

This ____ day of _____, _____, before me personally came the above-named John E. Snawder, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by John E. Snawder's own free will for the purpose set forth therein.

Notary Public for _____
My commission expires:

[SEAL]

Dated: 5/21/2013

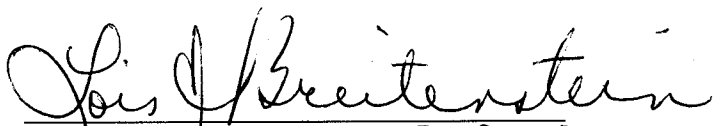

Michael G. Gressel

STATE OF OHIO)
COUNTY OF HAMILTON) ss.


This 21 day of MAY, 2013, before me personally came the above-named Michael G. Gressel, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Michael G. Gressel's own free will for the purpose set forth therein.

[SEAL]




Notary Public for ST OF OHIO
My commission expires: MAY 08, 2016
LOIS E. BREITENSTEIN
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES MAY 08, 2016

Dated: 5/21/2013

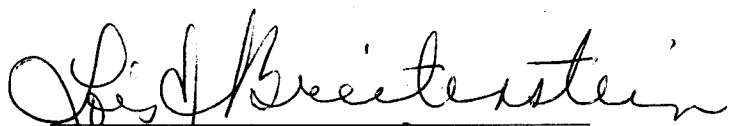

Jerry L. Kratzer

STATE OF OHIO)
COUNTY OF HAMILTON) ss.

This 21 day of MAY, 2013, before me personally came the above-named Jerry L. Kratzer, who executed the foregoing Assignment in my presence, and who acknowledged to me that this instrument was executed by Jerry L. Kratzer's own free will for the purpose set forth therein.

[SEAL]




Notary Public for ST OF OHIO
My commission expires: MAY 08, 2016
LOIS E. BREITENSTEIN
NOTARY PUBLIC, STATE OF OHIO
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