

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James Goss</td> <td>08/21/2013</td> </tr> <tr> <td>Duncan Engeham</td> <td>08/21/2013</td> </tr> <tr> <td>Ryan M. Johnson</td> <td>09/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	James Goss	08/21/2013	Duncan Engeham	08/21/2013	Ryan M. Johnson	09/05/2013
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James Goss	08/21/2013								
Duncan Engeham	08/21/2013								
Ryan M. Johnson	09/05/2013								
RECEIVING PARTY DATA									
Name:	Cummins Intellectual Property, Inc.								
Street Address:	500 Jackson St.								
Internal Address:	MC 60113								
City:	Columbus								
State/Country:	INDIANA								
Postal Code:	47201								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13837446</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13837446				
Property Type	Number								
Application Number:	13837446								
CORRESPONDENCE DATA									
Fax Number:	8015311929								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	12-0562-CES								
NAME OF SUBMITTER:	Bryan J. Massey								
Signature:	/Bryan J. Massey/								

PATENT

Date:

09/26/2013

Total Attachments: 2

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ASSIGNMENT

Whereas, the undersigned Inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") in:

TITLE OF THE INVENTION: DECOMPOSITION CHAMBER

and further identified by the Docket Number provided above in the header of this Assignment, for which an application for a United States Patent was executed concurrently herewith or was filed on March 15, 2013 having U.S. Patent Application No.: 13/837,446.


Whereas, Cummins Intellectual Property, Inc., a corporation of Indiana having a place of business at 500 Jackson St., MC 60113, Columbus, IN 47201 (herein referred to as Cummins Intellectual Property, Inc.) desires to acquire, and each undersigned Inventor desires to grant to Cummins Intellectual Property, Inc., the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to Cummins Intellectual Property, Inc. (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefore in the United States and in all foreign countries and jurisdictions, including all divisions, divisionals, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned Inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Cummins Intellectual Property, Inc., its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Cummins Intellectual Property, Inc., its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned Inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in Cummins Intellectual Property, Inc, its successors, legal representatives, and assigns, whenever requested by Cummins Intellectual Property, Inc., its successors, legal representatives, or assigns.

Each undersigned Inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Cummins Intellectual Property, Inc. and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned Inventor also hereby grants Cummins Intellectual Property, Inc., its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Indiana, and any disputes will be resolved in an Indiana state court or federal court sited in Indiana.

[Inventor Signature Page(s) Follows]

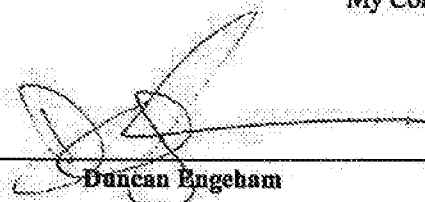
The undersigned hereby authorize the patent practitioners filing the U.S. Patent Application referenced herein to add the application serial number and filing date to this assignment document.

Assignor:  Date: 8/21/2013
James Goss

On this 21ST day of August, 2013, before me personally appeared said James Goss known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL


Notary Public
My Commission expires: 4/2014

Assignor:  Date: 8/21/2013
Duncan Engeman

by
Engham

On this 21ST day of August, 2013, before me personally appeared said Duncan Engeman known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.


SEAL


Notary Public
My Commission expires: 4/2014

Assignor:  Date: 9/5/2013
Ryan M. Johnson

On this 24TH day of September, 2013, before me personally appeared said Ryan Johnson known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL


Notary Public
My Commission expires: April, 2014