

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>Bradlee Stroia</td> <td>09/28/2006</td> </tr> <tr> <td>Michael Cunningham</td> <td>09/28/2006</td> </tr> </tbody> </table> | | Name | Execution Date | Bradlee Stroia | 09/28/2006 | Michael Cunningham | 09/28/2006 | | | | |
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| Bradlee Stroia | 09/28/2006 | | | | | | | | | | |
| Michael Cunningham | 09/28/2006 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>Cummins Inc.</td> </tr> <tr> <td>Street Address:</td> <td>500 Jackson Street</td> </tr> <tr> <td>City:</td> <td>Columbus</td> </tr> <tr> <td>State/Country:</td> <td>INDIANA</td> </tr> <tr> <td>Postal Code:</td> <td>47202</td> </tr> </table> | | Name: | Cummins Inc. | Street Address: | 500 Jackson Street | City: | Columbus | State/Country: | INDIANA | Postal Code: | 47202 |
| Name: | Cummins Inc. | | | | | | | | | | |
| Street Address: | 500 Jackson Street | | | | | | | | | | |
| City: | Columbus | | | | | | | | | | |
| State/Country: | INDIANA | | | | | | | | | | |
| Postal Code: | 47202 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>7587890</td> </tr> </tbody> </table> | | Property Type | Number | Patent Number: | 7587890 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Patent Number: | 7587890 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: 3176361507</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: ipdocketing@kdlegal.com</p> <p>Correspondent Name: Krieg DeVault LLP</p> <p>Address Line 1: One Indiana Square</p> <p>Address Line 2: Suite 2800</p> <p>Address Line 4: Indianapolis, INDIANA 46204</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | CECO-84 | | | | | | | | | | |
| NAME OF SUBMITTER: | Constance Conner | | | | | | | | | | |
| <p>Total Attachments: 4</p> <p>source=Executed_Assignment_CECO84#page1.tif</p> <p>source=Executed_Assignment_CECO84#page2.tif</p> <p>source=Executed_Assignment_CECO84#page3.tif</p> <p>source=Executed_Assignment_CECO84#page4.tif</p> | | | | | | | | | | | |

PATENT

ASSIGNMENT

WHEREAS, Bradlee Stroia of 3715 River Road, Columbus, Indiana 47201 and Michael Cunningham of 1053 Kings Mill Road, #318, Greenwood, Indiana 46142, hereinafter referred to as Assignors, have made one or more new and useful inventions in a REDUCTANT INJECTION RATE SHAPING METHOD FOR REGENERATION OF AFTERTREATMENT SYSTEMS for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Cummins Inc., hereinafter referred to as Assignee, a corporation of the State of Indiana, having a principal place of business at 500 Jackson Street, Columbus, Indiana 47202, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application entitled REDUCTANT INJECTION RATE SHAPING METHOD FOR REGENERATION OF AFTERTREATMENT SYSTEMS, and any and all other applications thereon and arising therefrom, including any and all applications claiming

the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors acknowledge that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignors hereby authorize Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

- (a) Execution Date of the Application: _____
- (b) Patent Office Number of the Application: 11/507,130
- (c) Filing Date of the Application: August 21, 2006

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

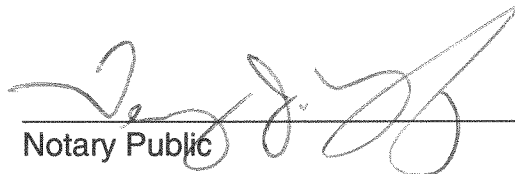
WITNESS Assignor's hand this 28th day of SEPTEMBER, 2006.


Bradlee Stroia

STATE OF INDIANA)
) : SS
COUNTY OF BARTHOLOMEW)

Before me, a Notary Public, in and for said County and State, personally appeared Bradlee Stroia, who, being first duly sworn upon his oath, acknowledged the execution of the foregoing "Assignment" as his voluntary act and deed.

WITNESS my hand and Notarial Seal this 28th day of SEPTEMBER, 2006.


Notary Public

Printed: TERRY J. NEFF

Resident of JACKSON County

My Commission Expires:

APRIL 18, 2012

WITNESS Assignor's hand this 28TH day of SEPTEMBER, 2006.

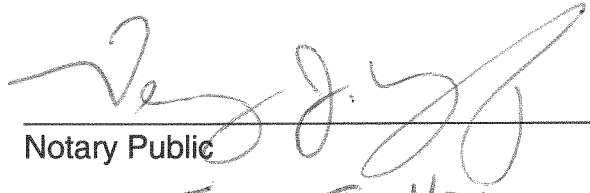


Michael Cunningham

STATE OF INDIANA)
) : SS
COUNTY OF BARTHOLOMEW)

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