

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Steven Fraser	02/20/2008
RECEIVING PARTY DATA	
Name:	CUMMINS IP, INC.
Street Address:	1400-73rd Avenue NE
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55432
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11968582
CORRESPONDENCE DATA	
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Correspondent Name:	Brian C. Kunzler
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ATTORNEY DOCKET NUMBER:	8-02-12923
NAME OF SUBMITTER:	Brian C. Kunzler
Total Attachments: 1 source=12923_Assignment#page1.tif	

OP \$40.00 11968582

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PATENT  
REEL: 020830 FRAME: 0684

# ASSIGNMENT

I, identified below as "**Inventor**", have made certain new and useful improvements in an invention ("**Invention**"), as set forth in an application for United States Letters Patent executed or about to be executed by me or otherwise in which I am an inventor and bearing the following title and Attorney Docket No. and for which the Attorney of record is hereby authorized to insert the serial number and filing date when ascribed:

Title: APPARATUS, SYSTEM, AND METHOD FOR REAL-TIME DIAGNOSIS OF A NOX-  
ADSORPTION CATALYST

Atty. Docket No. 8-02-12923      Application No/Filing Date: 11/968,582 / 01/02/2008

For good and valuable consideration, I do hereby sell, assign, and transfer to Cummins, Inc. ("**Assignee**"), a corporation organized under the laws of the State of Indiana, and located and doing business at 1900 McKinley Avenue, Columbus, Indiana 47201, and to its legal representatives, successors, and assigns, my entire right, title, and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, to any prior or provisional application, including any application from which priority is claimed, together with all patents resulting from such applications including any continuations, divisions, reissues, re-examinations and extensions thereof and any applications claiming priority therefrom. Assignee shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon Assignee's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to Assignee, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: Steven Fraser      Date: February 20, 2008  
(Signature)

Name typed or printed: Steven Fraser  
Address: 8615 Aberdeenshire Court  
Indianapolis, IN 46259

State of INDIANA )  
County of BARTHOLOMEW ) ss

On this 20<sup>th</sup> day of FEBRUARY, 2008, before me personally appeared said Steven Fraser, 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

[Signature]  
Notary Public

My Commission expires: 18-APR-2012