PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEORGE MUNTEAN	07/28/2014

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:	13803827

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	106389-1319
NAME OF SUBMITTER:	MARSHALL J. BROWN
SIGNATURE:	/marshall j brown/
DATE SIGNED:	08/04/2014

Total Attachments: 4

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PATENT 502920306 REEL: 033456 FRAME: 0721

DOCKET NUMBER: 12-0022-CES /06389-1319

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: APPARATUS, METHOD, AND SYSTEM FOR REDUCTANT FILTRATION

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 14, 2013, having U.S. Patent Application No.: 13/803,827.

Whereas, Cummins IP, Inc., a corporation of Indiana having a place of business at 1400-73rd Avenue NE, Minneapolis, Minnesota 55432 (herein referred to as Cummins IP, Inc.) desires to acquire, and each undersigned Inventor desires to grant to Cummins IP, 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 IP, 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 IP, 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 IP, 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 IP, Inc., its successors, legal representatives, and assigns, whenever requested by Cummins IP, 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 IP, 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 IP, 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 a Indiana state court or federal court sited in Indiana.

[Inventor Signature Page(s) Follows]

DOCKET NUMBER: 12-0022-CES

		oractitioners filing the U.S. Patent Application referenced d filing date to this assignment document.
Assignor: _	Androw Myor	Date:
		, 2013, before me personally appeared said to be the person who executed the above instrument and the same for the uses and purposes therein set forth.
SEAL		Notary Public My Commission expires:
Assignor: _	John Heichelbech	Date:
On thisacknowledge	day of, known to me	, 2013, before me personally appeared said to be the person who executed the above instrument and he same for the uses and purposes therein set forth.
SEAL		Notary Public My Commission expires:

DOCKET NUMBER: 12-0022-CES

Assignor: _	George Muntean	m the Date: <u>July 28, 2014</u>
On thisacknowledge	day of, known to ed to me that he or she execut	
SEAL		Notary Public My Commission expires:
Assignor: _	Steve Holl	Date:
On this	day of, known to	
SEAL		Notary Public My Commission expires:
Assignor: _	Jim Burke	Date:
On this	day of, known to a, known to a, to me that he or she execut	
SEAL		Notary Public My Commission expires:

DOCKET NUMBER: 12-0022-CES

Assignor: _		Date:	
	John Anthis		
On this	day of, known to	, 2013, before me personally appeared said one to be the person who executed the above instrument and	
acknowledge		cuted the same for the uses and purposes therein set forth.	
SEAL			
		Notary Public	
		My Commission expires:	

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PATENT REEL: 033456 FRAME: 0725

RECORDED: 08/04/2014