

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3047024

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	WILLIAM RUNDE	07/17/2013
	ERIC BUTLER	07/18/2013
	SHASHIDHAR SRINIVAS	07/18/2013
	ROBERT NOWICKI	07/17/2013
	SHANE O'CONNOR	07/18/2013
	HARPREET PATPATIA	07/17/2013
	MICHAEL WELP	07/18/2013
RECEIVING PARTY DATA		
Name:	CUMMINS IP, INC.	
Street Address:	500 JACKSON STREET	
City:	COLUMBUS	
State/Country:	INDIANA	
Postal Code:	47201	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14317680	
CORRESPONDENCE DATA		
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<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>		
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ATTORNEY DOCKET NUMBER:	106389-3180	
NAME OF SUBMITTER:	MARSHALL J BROWN	
SIGNATURE:	/marshall j brown/	
DATE SIGNED:	10/01/2014	

PATENT

Total Attachments: 5

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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: EXHAUST AFTERTREATMENT SENSOR ASSEMBLY

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 June 28, 2013, having U.S. Provisional Patent Application No.: 61/840,960.

Whereas, Cummins IP, Inc., a corporation of Indiana having a place of business at 500 Jackson St. MC 60113, Columbus, IN 47201 (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;

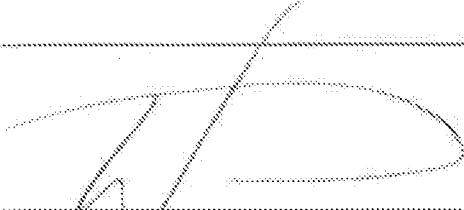
Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned Inventor ("ASSIGNOR") hereby sells, assigns, and otherwise transfers to Cummins IP, Inc. (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire 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]

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: _____


William Kunde

Date: _____

7/17/2013

On this 17th day of July, 2013, before me personally appeared said _____, 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: _____

5-15-17

Assignor: _____

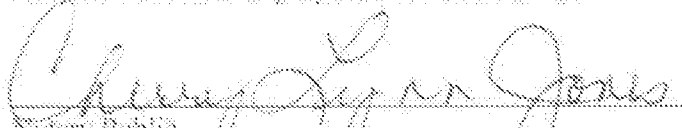

Eric Butler

Date: _____

7-18-13

On this 18th day of July, 2013, before me personally appeared said _____, 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: _____

5-15-17

Assignor: Shashidhar Srinivas

Date: July 18, 2013

On this 18th day of July, 2013, before me personally appeared said Shashidhar Srinivas, 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



Patricia Gale Whittington
Notary Public
My Commission expires: Jan. 23, 2015

Assignor: Robert Nowicki

Date: _____

On this _____ day of _____, 2013, before me personally appeared said _____, 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: _____

Assignor: Shane O'Connor

Date: _____

On this _____ day of _____, 2013, before me personally appeared said _____, 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: _____

Assignor: _____ Date: _____
 Shachidhar Srinivas

On this _____ day of _____, 2013, before me personally appeared said _____, 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: _____

Assignor: _____ Date: 7/7/13
 Robert Nowield

On this 17th day of July, 2013, before me personally appeared said _____, 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

Cherry Lynn Jones
 Notary Public
 My Commission expires: 5-15-17

Assignor: _____ Date: 7-18-13
 Shane O'Connor

On this 18th day of July, 2013, before me personally appeared said _____, 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

Cherry Lynn Jones
 Notary Public
 My Commission expires: 5-15-17

Assignor: _____

[Signature]
Harpreet Patpalia

Date: _____

7/17/2013

On this 17th day of July, 2013, before me personally appeared said _____ 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: _____

5-15-17

Assignor: _____

[Signature]
Michael Welp

Date: _____

7/18/2013

On this 18th day of July, 2013, before me personally appeared said _____ 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: _____

5-15-17