

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TONY J. HALL	06/05/2015
JOSEPH A. HUDSON	07/06/2015
RECEIVING PARTY DATA	
Name:	CUMMINS INC.
Street Address:	500 JACKSON STREET
City:	COLUMBUS
State/Country:	INDIANA
Postal Code:	47201
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15550956
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ATTORNEY DOCKET NUMBER:	CI-14-0532-02-US
NAME OF SUBMITTER:	PATRICE MICHELE POTTER
SIGNATURE:	/patrice michele potter/
DATE SIGNED:	01/10/2018
Total Attachments: 2	
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ASSIGNMENT	Attorney Docket No.: CI-14-0532-01-US	Page 1 of 2
	First Named Inventor: Tony J. Hall	
	Title: SYSTEM AND METHOD TO DETECT AND RESPOND TO ICED SENSORS IN EXHAUST AFTER-TREATMENT SYSTEM	

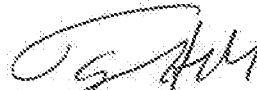
WHEREAS, we, **Tony J. Hall**, residing at 3710 Rte. 430, Bemus Point, New York 14712 and **Joseph A. Hudson**, residing at 4741 Juniper Court, Columbus, Indiana 47201, have invented certain new and useful improvements as described in U.S. Patent Application No. 62/167,779, filed on May 28, 2015, entitled **SYSTEM AND METHOD TO DETECT AND RESPOND TO ICED SENSORS IN EXHAUST AFTER-TREATMENT SYSTEM**; and

WHEREAS, **CUMMINS INC.**, a limited liability company of the State of Indiana having an address at 500 Jackson Street, Columbus, IN 47201, United States of America ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, U.S. Patent Application No. 62/167,779, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor,

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we, the inventors and assignors, transfer to Assignee, its successors and assigns, our entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.



Tony J. Hall

Date 6-5-15

State of New York)
County of Chautauque)

Subscribed and sworn to (or affirmed) before me on this 5th day of June, 2015, by **Tony J. Hall**, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature 

(Seal) Lori L. Flaherty
Notary Public, State of New York
No. 8379873
Qualified in Chautauque County
Commission Expires Dec. 23, 2018

ASSIGNMENT	Attorney Docket No.: CI-14-0532-01-US	Page 2 of 2
	First Named Inventor: Tony J. Hall	
	Title: SYSTEM AND METHOD TO DETECT AND RESPOND TO ICED SENSORS IN EXHAUST AFTER-TREATMENT SYSTEM	

Joseph A. Hudson
Joseph A. Hudson
Date 7/6/15

State of Indiana)
County of Bartholomew)

Subscribed and sworn to (or affirmed) before me on this 6th day of July, 2015, by **Joseph A. Hudson**, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature Kimberly S. Hoffman
(Seal)

