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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATIN TANDON	03/13/2020
TIMOTHY MALLETT	04/03/2020
ANDRIS J. MALDUPS	03/16/2020
JITHIN JOSEPH	03/16/2020
STEVE HALAS	03/16/2020
DANIEL COPPOLA	03/16/2020
ALEXANDER NAZAROV	03/12/2020

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:	16527970

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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.

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ATTORNEY DOCKET NUMBER:	106389-5707
NAME OF SUBMITTER:	AERAJ U. HAQUE
SIGNATURE:	/Aeraj U. Haque/
DATE SIGNED:	02/01/2021

Total Attachments: 7 source=106389-5707-Executed-Assignment#page1.tif source=106389-5707-Executed-Assignment#page2.tif source=106389-5707-Executed-Assignment#page3.tif source=106389-5707-Executed-Assignment#page4.tif source=106389-5707-Executed-Assignment#page5.tif source=106389-5707-Executed-Assignment#page6.tif source=106389-5707-Executed-Assignment#page7.tif

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Cummins Inc. 500 Jackson Street Columbus, Indiana 47201

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

EXHAUST GAS AFTERTREATMENT MODULE SUPPORT ASSEMBLY

as set forth in this United States Patent Application

check one	Ĩ] executed concurrently herewith,	
	Ĩ] executed on,	
	{ X }	[] Serial No. 16/527,970 Filed 7/31/2019	

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

PATENT REEL: 055100 FRAME: 0988 ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME	AND SIGNATURE OF INV	ENTOR	×	
Name:	ATIN TANDON	SIGNATURE	Adaira	
		DATE	March 18 2020	
NAME	AND SIGNATURE OF INV	TNTOR		
Name:	TIMOTHY MALLETT	SIGNATURE		
		DATE		
			*.	
NAME	AND SIGNATURE OF INV	ENTOR		
Name:	ANDRIS J. MALDUPS	SIGNATURE		
		DATE		
NAME	AND SIGNATURE OF INV	ENTOR		
Name:	JITHIN JOSEPH	SIGNATURE		
		DATE		
<u>NAME</u>	AND SIGNATURE OF INV	ENTOR		
Name:	STEVE HALAS	SIGNATURE		
		DATE		

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Page 3 of 4

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Atty. Dkt. No. 106389-5707

Name:	ATIN TANDON	SIGNATURE DATE	
NAME	AND SIGNATURE OF INVEN	<u>TOR</u>	
Name:	TIMOTHY MALLETT	SIGNATURE DATE	
<u>NAME</u> Name:	<u>AND SIGNATURE OF INVEN</u> ANDRIS J. MALDUPS	<u>TOR</u> SIGNATURE DATE	A.L. J. Mull
<u>NAME</u> Name:	AND SIGNATURE OF INVEN JITHIN JOSEPH	<u>TOR</u> SIGNATURE DATE	 3/16/20

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Name: STEVE HALAS

SIGNATUF DATE

Page 3 of 4

RE	STML
	3-16-20

NAME AND SIGNATURE OF INVENTOR

Name:	AND SIGNATURE OF IN DANIEL COPPOLA	SIGNATURE	Vand Consule	
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	AND SIGNATURE OF IN			

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DATE

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3/12/2020

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Page 4 of 4

PATENT REEL: 055100 FRAME: 0994

RECORDED: 02/01/2021