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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
LEON A. LAPOINTE	03/31/2017
ASHISH S. GUPTA	03/15/2017

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:	16475264

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ATTORNEY DOCKET NUMBER:	CI-15-0303-01-US	
NAME OF SUBMITTER:	MARCELO S. COPAT	
SIGNATURE:	/marcelo s. copat/	
DATE SIGNED:	07/01/2019	

Total Attachments: 2

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PATENT 505552837 REEL: 049644 FRAME: 0203

ASSIGNMENT

Attorney Docket No.: CI-15-0303-01-WO

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First Named Inventor: Leon A. LaPointe et al.

Title:

GATED IONIZATION CURRENT SUPPLY VOLTAGE

WHEREAS, we, Leon A. LaPointe, residing at 3911 Station Lane, Columbus, Indiana 47203, and Ashish S. Gunta, residing at 6118 Pelican Lane, Columbus, Indiana 47201, have invented certain new and useful improvements in an invention titled GATED IONIZATION CURRENT SUPPLY VOLTAGE as described in International Patent Application No. PCT/US2016/069264, filed on December 29, 2016 (the "Application"), and

WHEREAS, Cummins Inc., a corporation of the State of Indiana, and having an address of 500 Jackson Street, Columbus, Indiana 47201, United States of America ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the Application, 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 hereby assign, convey, and transfer to Assignee our entire worldwide right, title, and interest in and to the invention, the Application, domestic and foreign patent applications claiming priority to the Application (including provisionals, divisionals, continuations, and continuations-in-part), all Letters Patent and registrations 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 aforementioned the Letters Patent, registrations, and/or rights and benefits in any form, to Assignee.

We authorize Assignce, its successors and assigns, or anyone Assignee may properly designate, to (1) insert in this instrument the filing date and application number of the Application when ascertained, if applicable, (2) apply for Letters Patent, registrations, and all rights and benefits in any form in its own name in any and all countries, and (3) record this assignment agreement in any governmental office of any country having granted said Letters Patents, registrations, and/or rights and benefits, and (4) assign this agreement without further consideration.

We represent to Assignee that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We agree that we, or our executors or administrators, will at any time upon request, without additional consideration but at the expense of Assignee, execute such additional writings and do such additional acts as Assignee 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.

Date 3-31-2017

State of Indiana

County of BARTHOLOMEW

Subscribed and sworn to (or affirmed) before me on this 3/5+ day of MARCH A. LaPointe, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature-

(Seal)

TOBY REECE JOHNSON Notary Public - Seal State of Indiana Bartholomew County My Commission Expires Sep 10, 2022

PATENT

REEL: 049644 FRAME: 0204

ASSIGNMENT

Attorney Docket No.: CI-15-0303-01-WO

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First Named Inventor: Leon A. LaPointe et al.

Title:

GATED IONIZATION CURRENT SUPPLY VOLTAGE

Ashish S. Gupta

State of Indiana

County of BARTHOLOMEW

Subscribed and sworn to (or affirmed) before me on this 15th day of MARCH Ashish S. Gupta, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature.

(Seal)

TOBY REECE JOHNSON Notary Public - Seal State of Indiana **Bartholomew County**

My Commission Expires Sep 10, 2022

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PATENT REEL: 049644 FRAME: 0205