

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS J. LOCHRANE	02/02/2016
STEPHEN D. COFER	11/30/2015
THOMAS L. MACK	12/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CUMMINS INC.
<b>Street Address:</b>	500 JACKSON STREET
<b>City:</b>	COLUMBUS
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	47201
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15234333
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(317)237-1000
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<b>ATTORNEY DOCKET NUMBER:</b>	CI-15-0095-01-01-US
<b>NAME OF SUBMITTER:</b>	PATRICE MICHELE POTTER
<b>SIGNATURE:</b>	/patrice michele potter/
<b>DATE SIGNED:</b>	11/11/2016
<b>Total Attachments: 3</b>	
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source=CI_15_0095_Provisional_Assignment#page3.tif	

<b>ASSIGNMENT</b>	Attorney Docket No.: CI-15-0095-01-US	Page 1 of 3
	First Named Inventor: Thomas J. Lochrane	
	Title: COOLING ASSEMBLY FOR A FILTER HEAD OF AN ENGINE	

WHEREAS, we, **Thomas J. Lochrane**, residing at 1619 West Hill Road, Gerry, New York 14740, **Stephen D. Cofer**, residing at 24 Warren Road, Sugar Grove, Pennsylvania 16350 and **Thomas L. Mack**, residing at 923 Peregrine Drive, Columbus, Indiana 47203 and, have invented certain new and useful improvements as described in an application entitled **COOLING ASSEMBLY FOR A FILTER HEAD OF AN ENGINE**, in which a provisional patent application in the United States was made, the application having Application Serial No. 62/209,579, filed August 25, 2015; and

WHEREAS, to **CUMMINS INC.**, a limited liability company of the State of Indiana, and having an address of 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, 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 transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including provisionals, 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, to insert in this instrument the filing date and application number of the application when ascertained. 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 foreign 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.

  
Thomas J. Lochrane

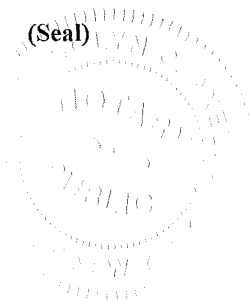
Date 2/2/2016

State of New York )  
County of Chautauque )

Subscribed and sworn to (or affirmed) before me on this 2nd day of February, 2016, by **Thomas J. Lochrane**, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature Gwendolyn C. Axelson

(Seal)



**GWENDOLYN C. AXELSON, #01AX5011387**  
Notary Public, State of New York  
Qualified in Chautauque County  
My Commission Expires April 19, 2017

# ASSIGNMENT

Attorney Docket No. CL13-0093-01-1/3

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First Named Inventor: Thomas J. Lochmeier

Title: COOLING ASSEMBLY FOR A FILTER HEAD OF AN ENGINE

Stephen D. Cofer  
Stephen D. Cofer

Date 11/30/15

New York, NY  
State of ~~Pennsylvania~~  
County of ~~Chancery~~

Subscribed and sworn to (or affirmed) before me on this 30<sup>th</sup> day of NOVEMBER, 2015, by  
Stephen D. Cofer, proved to me on the basis of satisfactory evidence to be the person who appeared before me;

Signature Linda M. McMaster



(Seal)

Linda M. McMaster  
Notary Public, State of N.Y.  
No. 410860  
Qualified in Onondaga Co.  
My Commission Exp. Sept. 30, 2018

# ASSIGNMENT

Attorney Docket No.: CI-15-0095-01-US

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First Named Inventor: Thomas J. Lochrane

Title: COOLING ASSEMBLY FOR A FILTER HEAD OF AN ENGINE

*Thomas L. Mack*

Thomas L. Mack

Date 12/1/15

State of Indiana

County of Bartholomew )

Subscribed and sworn to (or affirmed) before me on this 1st day of December, 2015, by **Thomas L. Mack**, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Signature Kimberly S. Hoffman

(Seal)

