

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5383999

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ABHIJIT SHIMPI	11/07/2014
ANDRY LESMANA	11/10/2014
GREGORY HOVERSON	11/24/2014
RAHUL KALLURWAR	10/29/2014
RECEIVING PARTY DATA	
Name:	CUMMINS FILTRATION IP, INC.
Street Address:	500 JACKSON STREET
City:	COLUMBUS
State/Country:	INDIANA
Postal Code:	47201
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16279587
CORRESPONDENCE DATA	
Fax Number:	(312)832-4700
<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>	
Phone:	312-832-4500
Email:	rrozanski@foley.com,jolsen@foley.com
Correspondent Name:	ROGER ROZANSKI/FOLEY & LARDNER LLP
Address Line 1:	321 NORTH CLARK STREET, SUITE 2800
Address Line 4:	CHICAGO, ILLINOIS 60654
ATTORNEY DOCKET NUMBER:	106389-5367
NAME OF SUBMITTER:	ROGER ROZANSKI
SIGNATURE:	/Roger Rozanski/
DATE SIGNED:	02/20/2019
Total Attachments: 6	
source=Assignment#page1.tif	
source=Assignment#page2.tif	
source=Assignment#page3.tif	

source=Assignment#page4.tif

source=Assignment#page5.tif

source=Assignment#page6.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 FILTRATION IP, INC.
500 Jackson Street
Columbus, Indiana 47201
USA

(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

ELECTRONIC FILTER DETECTION FEATURE FOR LIQUID FILTRATION SYSTEMS

as set forth in United States Patent Application Nos:

Serial No. 61/891,585 Filed 10/16/2013
Serial No. PCT/US2014/060648 Filed 10/15/2014

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.

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, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; 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.

Executed this 07 day of November, 2014



ABHIJIT SHIMPI

State of Indiana)

County of Boothstown)

On this 7th day of November, 2014, before me, TAYLOR B. HESS (a notary public in and for said county), personally appeared ABHIJIT SHIMPI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Taylor B. Hess



TAYLOR B. HESS
Resident of Jennings County, IN
Commission Expires: April 17, 2021

My Commission Expires 4/17/2021

Executed this 10th day of November, 2014.

[Handwritten signature]

ANDRY LESMANA

State of Illinois

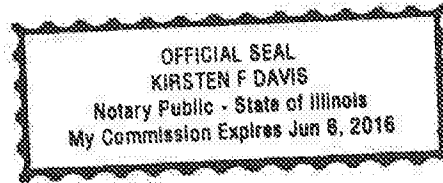
County of Cook

On this 10th day of November, 2014, before me, KIRSTEN F DAVIS (a notary public in and for said county), personally appeared ANDRY LESMANA, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Kirsten Davis*

My Commission Expires June 8, 2016



Executed this 24 day of November, 2014

Gregory Hooverson
GREGORY HOVERSON

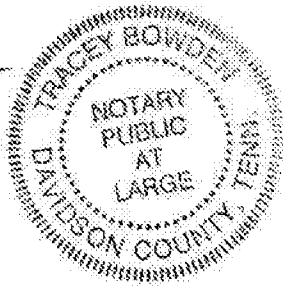
State of Tennessee)

County of Davidson)

On this 24 day of November, 2014, before me, _____, a notary public in and for said county), personally appeared GREGORY HOVERSON, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESSE by hand and official seal
Signature: Jenny Bowden

My Commission Expires: 8-May-2017



Executed this 29 day of October, 2014.

Rahul

RAHUL KALLURWAR

State of INDIANA)

County of BARTHOLOMEW)

On this 29 day of October, 2014, before me, DONNA G. SMITH (a notary public in and for said county), personally appeared RAHUL KALLURWAR, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Donna G. Smith

My Commission Expires May 18, 2016

