

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4214247

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER K. HERMAN	09/17/2013
SCOTT W. SCHWARTZ	09/17/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CUMMINS FILTRATION IP, 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>	15336005
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)672-5399
<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>	
<b>Phone:</b>	312-832-4500
<b>Email:</b>	Jherold@Foley.com
<b>Correspondent Name:</b>	MARSHALL J BROWN - FOLEY & LARDNER LLP
<b>Address Line 1:</b>	3000 K ST. NW.
<b>Address Line 4:</b>	WASHINGTON, D.C. 20007
<b>ATTORNEY DOCKET NUMBER:</b>	106389-4344
<b>NAME OF SUBMITTER:</b>	MARSHALL J BROWN
<b>SIGNATURE:</b>	/marshall j brown/
<b>DATE SIGNED:</b>	01/06/2017
<b>Total Attachments: 2</b>	
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source=106389-4344 assignment#page2.tif	

ASSIGNMENT

I, identified below as "**Inventor**", have made certain new and useful improvements in an invention ("**Invention**"), as set forth in an application for United States Letters Patent executed or about to be executed by me or otherwise in which I am an inventor and bearing the following title and Attorney Docket No. and for which the Attorney of record is hereby authorized to insert the serial number and filing date when ascribed:

Title: **AIR FILTER ASSEMBLIES AND CARRIER FRAMES HAVING VORTEX-GENERATING FLOW GUIDE**

Application Number: 14/029,904

Filing Date: 09/18/2013

Atty. Docket No. 4191-00998  
Customer No. 26753

For good and valuable consideration, I do hereby sell, assign, and transfer to Cummins Filtration IP, Inc. ("**Assignee**"), a corporation organized under the laws of the State of Delaware, and located and doing business at 500 Jackson Street, Columbus, Indiana 47201, and to its legal representatives, successors, and assigns, my entire right, title, and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention together with the right of priority thereto, to any prior or provisional application, including any application from which priority is claimed and the right of priority thereto, together with all patents resulting from such applications including any continuations, divisions, reissues, re-examinations and extensions thereof and any applications claiming priority therefrom. Assignee shall hold such right, title, and interest as fully and completely as such right, title and interest would have been held by me had this assignment and sale not been made.

I agree, upon Assignee's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to Assignee, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: Peter K. Herman

(Signature)

Date: Sept 17, 2013

Name typed or printed:

Peter K. Herman

Address:

1849 Chapin Court

Stoughton, WI 53589

State of WISCONSIN)

) ss

County of DANE)

On this 17<sup>th</sup> day of September, 2013, before me personally appeared said Peter K. Herman, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Stacy D. Fischer  
Notary Public

My Commission expires: Feb. 7, 2016

Title: **AIR FILTER ASSEMBLIES AND CARRIER FRAMES HAVING VORTEX-GENERATING FLOW GUIDE**

Application Number: 14/029,904      Filing Date: 09/18/2013      Atty. Docket No. 4191-00998  
Customer No. 26753

Inventor: Scott W. Schwartz      Date: 9/17/13  
(Signature)

Name typed or printed: Scott W. Schwartz  
Address: 4644 Pierceville Road  
Cottage Grove, WI 53527

State of WISCONSIN )  
County of DANE ) ss

On this 17<sup>th</sup> day of September, 2013, before me personally appeared said Scott W. Schwartz, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Stephane D. Fischer  
Notary Public  
My Commission expires: Feb 7, 2016