PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AARON M. WELLS	11/10/2009
TERRY W. SHULTS	11/10/2009
ISMAIL C. BAGCI	11/10/2009
DEAN OLSON	11/10/2009
ZEMIN JIANG	11/16/2009
KEVIN C. SOUTH	11/10/2009
PETER K. HERMAN	11/10/2009
HENDRIK AMIRKHANIAN	11/10/2009
JEFFREY B. SHARP	11/10/2009
DAVID P. GENTER	11/18/2009
NORMAN C. BLIZARD	11/17/2009
MELVIN DOUGLAS MCCORMICK	11/11/2009
JEFFREY A. HUSBAND	11/10/2009
WASSEM ABDALLA	11/13/2009
MICHAEL J. CONNOR	11/10/2009
BARRY M. VERDEGAN	11/10/2009
DONNA BUTLER	11/10/2009
CHAD T. BRUMMITT	11/10/2009

RECEIVING PARTY DATA

Name:	CUMMINS FILTRATION IP INC.
Street Address:	1400 73RD AVENUE NE
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55432

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13685988

CORRESPONDENCE DATA

Fax Number: (202)672-5399

PATENT

502724291 REEL: 032451 FRAME: 0587

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 312-832-4500

Email: Jherold@Foley.com

Correspondent Name: MARSHALL J BROWN - FOLEY & LARDNER LLP

Address Line 1: 3000 K ST. NW.

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20007

ATTORNEY DOCKET NUMBER:	106389-0527
NAME OF SUBMITTER:	MARSHALL J. BROWN
SIGNATURE:	/marshall j brown/
DATE SIGNED:	03/17/2014

Total Attachments: 16

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ASSIGNMENT

WHEREAS, we:

Aaron M. Wells, residing at 1170 Brotherton Drive, Cookeville, TN 38506, US;

Terry W. Shults, residing at 970 Riverbend Drive, Cookeville, TN 38506, US;

Ismail C. Bagci, residing at 600 Enclave Pointe, Cookeville, TN 38506, US;

Dean Olson, residing at 2525 Lake Pointe Drive, Cookeville, TN 38506, US;

Zemin Jiang, residing at 3567 Tolbart Drive, Cookeville, TN 38506, US;

Kevin C. South, residing at 3464 Gra Mar Drive, Cookeville, TN 38506, US;

Peter K. Herman, residing at 1849 Chapin Ct., Stoughton, WI 53589, US;
3513 Heritage Green Way 38566
Hendrik N. Amirkhanian, residing at-1009 Park Drive, Cookeville, TN 38501, US;

Jeffrey B. Sharp, residing at 488 Windrowe Drive, Cookeville, TN 38506, US;

David P. Genter, residing at 3428 Woodland Place, Columbus, IN 47203, US;

Norman C. Blizard, residing at 4660 Northeastern Blvd, Columbus, IN 47203, US;

Melvin Douglas McCormick, residing at 1050 Fisk Park Drive, Cookeville, TN 38506, US:

Jeffrey A. Husband, residing at 203 W. Whitehall Road, Cookeville, TN 38501, US;

Wassem Abdalla, residing at 90 Rue de la Providence, Quimper, 29000France;

Michael J. Connor, residing at 401 Homme Court, Stoughton, W1 53589, US;

Barry M. Verdegan, residing at 606 Christiansen Way, Stoughton, WI 53589, US;

Donna Butler, residing at 299 Willow Brook Drive, Cookeville, TN 38501, US; and

Chad T. Brummitt, residing at 2963 Old Walton Circle, Algood, TN 38506, US,

made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on October 27, 2009, application Serial No. 12/606729 which is entitled FILTER CARTRIDGE HAVING A FILTER WITHIN A FILTER, AND AN ENDPLATE SEALING STRUCTURE ON AN OUTER FILTER ELEMENT.

AND WHEREAS, CUMMINS FILTRATION IP INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 1400 73rd Avenue NE, Minneapolis, Minnesota 55432 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor:

PAGE 1 OF 11

HSML 20069.0083USU11

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

PAGE 2 OF 11

IN TESTIMONY WHEREOF, I have hereunto set my hand this
Aaron M. Wells
STATE OF Tennessee) Ounty of Putnam)
On this 10 th day of October, 2009, before me personally appeared Aaron M. Wells to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.
[SEAL] STATE OF TENNESSEE NOTARY PUBLIC PUBLIC EXPIRES 2/24/2010
IN TESTIMONY WHEREOF, I have hereunto set my hand this 10th day of November, 2009. Tony W. Shults
STATE OF Tennessee) Ounty of Putnam)
On this 10 th day of November, 2009, before me personally appeared Terry W. Shults to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.
and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth. [SEAL] STATE OF TENNESSEE NOTARY PUBLIC PAGE 3 OF 11
PAGE 3 OF 11

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 th day of November, 2009.
Ismail C. Bagci
STATE OF Tennessee)
COUNTY OF Putnam)
On this 10th day of November, 2009, before me personally appeared Ismail C. Bagci to me
known and known to me to be the person described in and who executed the foregoing instrument, and he
duly acknowledged to the Branche executed the same for the uses and purposes therein set forth.
[SEAL] STATE OF TENNESSEE NOTARY PUBLIC PUBLIC TENNESSEE NOTARY PUBLIC EXPIRES 2/24/2010
IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 th day of November, 2009.
Dean Olson
STATE OF Tennessee)
) ss. Putnam)
On this 10 th day of November 2009, before me personally appeared Dean Olson to me
• • • • • • • • • • • • • • • • • • • •
duly acknowledged to me that he executed the same for the uses and purposes therein set forth.
known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth. [SEAL] STATE OF TENNESSEE NOTARY PUBLIC PAGE 4 OF 11 PAGE 4 OF 11

HSML 20069 0083USU11	3098
	Zemin Jiang I am in Shanghar, China. No Public Notary available Be J. November 16, 2009, 2009, before me personally appeared Zemin Jiang to me on described in and who executed the foregoing instrument, and he
duly acknowledged to me that he execu	ted the same for the uses and purposes therein set forth.
[SEAL]	Notary Public
IN TESTIMONY WHEREOF, 2009.	I have hereunto set my hand this day of
	Kevin C. South
STATE OF))
known and known to me to be the perso	, 2009, before me personally appeared Kevin C. South to me n described in and who executed the foregoing instrument, and he ed the same for the uses and purposes therein set forth.
[SEAL]	Notary Public

PAGE 5 OF 11

		Zemin Jiang
STATE OF)
) ss. County of)
On this	day of	, 2009, before me personally appeared Zemin Jiang to me
	·	son described in and who executed the foregoing instrument, and he cuted the same for the uses and purposes therein set forth.
[SEAL]		Notary Public
IN TESTIM November		F, I have hereunto set my hand this 10 day of
		Kluu C. South Kevin C. South
STATE OF	nnessee Putnam))
On this 10)th day of Nove	inder, 2009, before me personally appeared Kevin C. South to me
		son described in and who executed the foregoing instrument, and he uted the same for the uses and purposes therein set forth.
(CCAL)	TATE OF PUMPING	Notary Public Jane Ann Bright expires 2/24/2010
THE WALLEN	OF PUTTINI	

PAGE 5 OF 11

HSME	PAGE	00831	11817	1
OF ALE	- U.C.	101100		

IN TESTIMONY WHEREOF, I	have hereunto set my hand this / C day of Peter K. Herman
COUNTY OF DARE	
On this 10 day of Crient	Er, 2009, before me personally appeared Peter K. Herman to
	son described in and who executed the foregoing instrument.
and he duly acknowledged to me that he	executed the same for the uses and purposes therein set forth.
SEAL	Notary Public Sypered 6-28-2013
IN TESTIMONY WHEREOF, I 2009	have hereunto set my hand this day of
	Hendrik N. Amirkhanton
STATE OF (158.) COUNTY OF (158.)	
On this day of	, 2009, before me personally appeared Hendrik N.
Amarkhanian to me known and known to	me to be the person described in and who executed the
toregoing instrument, and he duly acknow purposes therein set forth	ledged to me that he executed the same for the uses and
(SEAL)	
•	Notary Public

Parton 11

;

IN TESTIMONY WHERE	EOF, I have hereunto set my hand this day of
, 2009	
	Peter K. Herman
STATE OF)
) ss.	
COUNTY OF	_)
On this day of	, 2009, before me personally appeared Peter K. Herman to
	he person described in and who executed the foregoing instrument,
	nat he executed the same for the uses and purposes therein set forth.
	·
[SEAL]	
	Notary Public
	Hendrik X. Amirkhanian
	Heliatik M. Allinkilatilati
STATE OF Tennessee) ss. COUNTY OF Putnam)
) ss. P 1	. ,
COUNTY OF Lutnam)
On this 10th day of No	overber, 2009, before me personally appeared Hendrik .
	wn to me to be the person described in and who executed the
foregoing instrument, and he duly ac	cknowledged to me that he executed the same for the uses and
purposes therein set forth.	
muullinne.	A A 40. A
SEAL] WHITE ANN BRITTE	Notary Public Jane Ann Bright 2/24/2010
STATE	Notary Public Jane Ann Bright
OF TENNESSEE	2/11/2
NOTARY PUBLIC 2	-147/2010
SEAL] STATE OF TENNESSEE NOTARY PUBLIC OF PUBLIC	PAGE 6 OF 11
OF PORTON	TAGE V OF TH

	Men B. And
	Jeffrey B Sharp
STATE OF Tennessee) SS. Putnam)	V
county of <u>Putnam</u>)	
On this 18th day of November	(, 2009, before me personally appeared Jeffrey B. Sharp to
	n described in and who executed the foregoing instrument,
	cuted the same for the uses and purposes therein set forth.
[SEAL] STATE	Notary Public Jane Ann Bright Expires 2/24/2010
OF TENNESSEE	Notary Public Tana Aug R
NOTARY PUBLIC 2	Expires 3/1
THE WAY OF BUTTANIA	2724/2010
The state of the s	
IN TESTIMONY WHEREOF, I hav	e hereunto set my hand this day of
, 2009.	
	David P. Genter
STATE OF) ss.	
COUNTY OF)	
On this day of	, 2009, before me personally appeared David P. Genter to
me known and known to me to be the person	described in and who executed the foregoing instrument,
and he duly acknowledged to me that he exec	cuted the same for the uses and purposes therein set forth.
50m : 1.)	
[SEAL]	Notary Public

1	
	Jeffrey B. Sharp
STATE OF)
me known and known to me to l	, 2009, before me personally appeared Jeffrey B. Sharp to the the person described in and who executed the foregoing instrument that he executed the same for the uses and purposes therein set forth
[SEAL]	Notary Public
in testimony whe	REOF, I have hereunto set my hand this // day of 009. David R Genter
November, 20 STATE OF IN	David R Genter
November, 20 STATE OF TN SS. COUNTY OF Becklole On this 18 day of	David R Genter

PAGE 7 OF 11

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	10NY WHEREO 36-2, 2009.	F, I have hereunto set my hand this day of
		Morman C. Blizard
STATE OF	liang	
COUNTY OF	actualguew)
		2009, before me personally appeared Norman C. Blizard to
		e person described in and who executed the foregoing instrument,
and he duly acknow	ledged to me that	t he executed the same for the uses and purposes therein set forth.
(SE BEAL) Com	NOTARY PUBLIC Robert P. Malone imission Expires: 10 Resident of Decatur (1-20-2011 Notary Public Notary Public
IN TESTIM	IONY WHEREO	F, I have hereunto set my hand this day of
	, 2009.	
		Melvin Douglas McCormick
STATE OF)
) ss. COUNTY OF)
On this	day of	, 2009, before me personally appeared Melvin Douglas
McCormick to me k	nown and known	to me to be the person described in and who executed the foregoing
instrument, and he d	luly acknowledge	ed to me that he executed the same for the uses and purposes therein
set forth.		

PAGE 8 OF 11

Notary Public

[SEAL]

Musing a

IN TESTIMONY WHEREOI	F, I have hereunto set my hand this day of
, 2007.	
	Norman C. Blizard
STATE OF)
) ss. COUNTY OF	
On thisday of	, 2009, before me personally appeared Norman C. Blizard to
	person described in and who executed the foregoing instrument,
	he executed the same for the uses and purposes therein set forth.
and no daily define modged to me that	the executed the same for the uses and purposes therein set forth.
[SEAL]	
[SEALE]	Notary Public
NOVEMBER, 2009.	Melvin Douglas McCormick Melvin Douglas McCormick
STATE OF Tennessee)
STATE OF <u>Tennessee</u>) ss. COUNTY OF <u>Putnam</u>	,
COUNTY OF <u>Fulnam</u>)
On this 11 th day of Nove	mber, 2009, before me personally appeared Melvin Douglas
	o me to be the person described in and who executed the foregoing
	to me that he executed the same for the uses and purposes therein
act fauth	,
SEAL] STATE OF SEEL TENNESSEE PUBLIC TENNESSEE PUBLIC TENNESSEE	Notary Public Jane Ann Bright expires 2/24/2010
"Mannananana	

PAGE 8 OF 11

	Jeffrey A Husband
STATE OF Tennessee Ounty of Putnam	•
	November, 2009, before me personally appeared Jeffrey A. Husband to
	the person described in and who executed the foregoing instrument,
and he duly acknowledged to me	that he executed the same for the uses and purposes therein set forth.
STATE OF TENNESSEE TENNESSEE PUBLIC PUBLIC PUBLIC IN TESTIMONY WHER	Notary Public Jane ann Bright expires 2/24/2010 EOF, I have hereunto set my hand this 10 th day of 9.
	Wassem Abdalia
STATE OF	
On this day of	, 2009, before me personally appeared Wassem Abdalla to
me known and known to me to be	the person described in and who executed the foregoing instrument, hat he executed the same for the uses and purposes therein set forth.
[SEAL]	Notary Public

PAGE 9 OF 11

	Jeffrey A. Husband
STATE OF)
) ss. COUNTY OF	
Б <u>оргу</u> улсонуу ий төб сонуулсонуу ор байсан даргааруу сонуулсонуу ор	
	, 2009, before me personally appeared Jeffrey A. Husband t
me known and known to me to be	the person described in and who executed the foregoing instrument,
and he duly acknowledged to me the	hat he executed the same for the uses and purposes therein set forth.
(SEAL)	
	Notary Public
IN TESTIMONY WHERE	OF, I have hereunto set my hand this 13 day of
	OF, I have hereunto set my hand this 12 day of
Nevera ber	Wassem Abdalla
STATE OF	Wassem Abdalla
Nevern ber 2009 STATE OF	Wassem Abdalla
STATE OF	Wassem Abdalla)
On this day of	Wassem Abdalla) , 2009, before me personally appeared Wassem Abdalla to
STATE OF STATE OF On this day of the known and known to me to be the	Wassem Abdalla)
STATE OF STATE OF On this day of the known and known to me to be the	Wassem Abdalla)

Page 9 or 11

IN TESTIMONY WHEREOF,	I have hereunto set my hand this <u>J.C.</u> day of
	Michael J. Connor
STATE OF LALSCONSIN)
COUNTY OF DANG)
On this /C the	b(r), 2009, before me personal y appeared Michael I. Connor is
me known and known to me to be the po	erson described in and who executed the foregoing instrument,
and he duly acknowledged to me that he	executed the same for the uses and purposes therein set forth
[SEAL]	Notar Public C 23.20 NS
IN TESTIMONY WHEREOF, 1	have hereunto set my hand this Z^{C} day of
	Barry M Kerdegan (
STATE OF CLISCE NSIA	ì
STATE OF CLISCENSIA)
· ·	$t(r^*,2009)$ before me personally appeared Barry M. Verdegan is
me known and known to me to be the per	son described in and who executed the foregoing instrument.
	executed the same for the uses and purposes therein set forth
(SEA)	Cherry Synn Jones Notice Public C 23-2013

Phot 10 of 11

STATE OF Tennessee)
ss.
COUNTY OF Putnam)

On this 10th day of November, 2009, before me personally appeared Donna Butler to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to menthat he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public Jane ann Bright expires 2/24/2010

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 Hz day of

STATE OF Tennessex)
ss.
county of Putnam)

On this 10 th day of November, 2009, before me personally appeared Chad T. Brummitt to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public Jane Ann Bright

expires 2/24/2010

PAGE 11 OF 11

RECORDED: 03/17/2014