PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kurt M.A. Badeau	05/03/2012
Travis E. Goodlund	05/03/2012
Bryan J. Benz	05/03/2012
Bryan P. Steffen	05/04/2012
Ismail C. Bagci	05/08/2012
Aaron M. Wells	05/14/2012
Rahul B. Kallurwar	05/09/2012
James L. Eickhoff	05/10/2012
Chirag D. Parikh	05/07/2012
Gregory W. Hoverson	05/03/2012
Kevin C. South	05/03/2012
Scott G. Manke	05/03/2012

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:	13445499

CORRESPONDENCE DATA

Fax Number:(612)455-3801Phone:612-455-3800

Email: bwong@hsml.com, lhammel@hsml.com

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

REEL: 028310 FRAME: 0514

\$40.00 13445499

via US Mail.

Correspondent Name: HAMRE, SCHUMANN, MUELLER & LARSON, P.C.

Address Line 1: P.O. BOX 2902

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0902

ATTORNEY DOCKET NUMBER: 20069.0188USU1

NAME OF SUBMITTER: Bryan A. Wong

Total Attachments: 17

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PATENT REEL: 028310 FRAME: 0515

ASSIGNMENT

WHEREAS, we

- 1. Kurt M.A. Badeau, residing at 432 Evans Drive, Evansville, WI 53536 and a citizen of United States
- 2. Travis E. Goodlund, residing at 4176 Lookout Trail, McFarland, WI 53558 and a citizen of United States
- 3. Bryan J. Benz, residing at 7727 N. Morning Meadow Ln., Evansville, WI 53536 and a citizen of United States
- 4. Bryan P. Steffen, residing at 452 Lisa Court, Oregon, WI 53575 and a citizen of United States
- 5. Ismail C. Bagci, residing at 600 Enclave Pointe, Cookeville, TN 38506 and a citizen of United States
- 6. Aaron M. Wells, residing at 1170 Brotherton Dr., Cookeville, TN 38506 and a citizen of United States
- 7. Rahul B. Kallurwar, residing at 800 East Spring Street, Apt. T3, Cookville, TN 38501 and a citizen of India
- 8. James L. Eickhoff, residing at 2505 Dodson Branch Rd., Apt. 6, Cookeville, TN 38506 and a citizen of United States
- 9. Chirag D. Parikh, residing at 3326 Bradbury Road, Madison, WI 53719 and a citizen of India
- 10. Gregory W. Hoverson, residing at 4241 N. Riverside Dr., Columbus, IN 47203 and a citizen of United States
- 11. Kevin C. South, residing at 3464 Gra Mar Drive, Cookeville, TN 38506 and a citizen of United States
- 12. Scott G. Manke, residing at 1318 Gray Hawk Way, Sun Prairie, WI 53590 and a citizen of United States

made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on <u>April 12, 2012</u>, application Serial No. <u>13/445499</u> which is entitled FILTER APPARATUS WITH TORQUE LIMITING MECHANISM.

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 $1400 - 73^{\text{rd}}$ Avenue NE, Minneapolis, MN 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;

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

PATENT REEL: 028310 FRAME: 0516 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.

	IN TESTIMO	NY WHEREOF,	I have hereunto set my hand this day of
Stands .	.,	20	
			Kurt M.A. Badeau
STATE OF)	
COUNTY OF) ss.)	
	On this	day of	, 20, before me personally appeared Kurt M.A.
Badeau to me l	known and knov	wn to me to be the	e person described in and who executed the foregoing

instrument, and	he duly acknow	vledged to me	that he executed the same for the uses and purposes therein
set forth.			
[SEAL]			Notary Public
			F, I have hereunto set my hand this day of
			Travis E. Goodlund
STATE OF)) ss.)	
	On this	day of	, 20, before me personally appeared Travis E.
			e the person described in and who executed the foregoing that he executed the same for the uses and purposes therein
[SEAL]			Notomi Dublia
			Notary Public

IN TESTIMONY V	VHEREOF,	I have hereunto set my hand this day of
, 20	*	
	-	
		Bryan J. Benz
		Bryan J. Denz
STATE OF)	•
COUNTY OF) ss.	
COUNTY OF	.)	
On this day	of	, 20, before me personally appeared Bryan J.
		erson described in and who executed the foregoing
	-	- · ·
	ea to me m	at he executed the same for the uses and purposes therein
set forth.		
[SEAL]		
		Notary Public
IN TESTIMONY W	HEREOF,	I have hereunto set my hand this day of
, 20	•	
		Bryan P. Steffen
		· ·
STATE OF)) ss.	
COUNTY OF) ss.)	
	,	
On this day	of	, 20, before me personally appeared Bryan P.
		person described in and who executed the foregoing
	ed to me ma	the executed the same for the uses and purposes therein
set forth.		
[SEAL]		N. D. I.C.
		Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 day of
May , 20 12.
C.Br
Ismail C. Bagci
STATE OF STA
COUNTY OF PLATERINE)
TENNESSEE NOTARY Sind day of May , 2012, before me personally appeared Ismail C. Bagci to me and win and known to me to be the person described in and who executed the foregoing
day of Nay, 2012, before me personally appeared Ismail C.
Bagci to me thowis 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] Jane am Bright
[SEAL] Notary Public Jane Ann Bright Expires 2/19/2014
expires 419/2014
IN LENTINGTING WHERELIE LARVE DETERMINES OF MY DANG THIS 1/4 ARV AT
May ,20/2.
<u>^</u>
Aaron M. Wells
STATE OF <u>Tennessee</u>) COUNTY OF <u>Putnam</u>) ss.
COUNTY OF <u>Putnam</u>)
NA NA
On this 144 day of 12 , 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.
ISFALLE STATE Built
TENNESSEE Notary Public
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 Notary Public Tennessee Notary Public Tane Ann Bright Expireg 2/19/2014
OF PUTITION OF PUT

MAY	IN TESTIMONY WHEREO, 20 12.	F, I have hereunto set my hand this day of
		Rahul B. Kallurwar
STATE OF	Tennessee) Putnam)	
Kallurwar to me instruments and set forth	known and known to me to be the state when the stat	be the person described in and who executed the foregoing that he executed the same for the uses and purposes therein Notary Public Jane Ann Bright Expirer 2/19/2014 F, I have hereunto set my hand this day of
		James L. Eickhoff
STATE OF)) ss.)	
Eickhoff to me k	nown and known to me to be	, 20, before me personally appeared James L. the person described in and who executed the foregoing hat he executed the same for the uses and purposes therein
[SEAL]		Notary Public

		of, I have hereunto set my hand this day of
	, 20	
		Rahul B. Kallurwar
STATE OF)	
COUNTY OF) ss.	
	/	
On this	day of	, 20, before me personally appeared Rahul B.
Kallurwar to me known	and known to me to b	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]		N. J. D. I.P.
		Notary Public
Putnam state of Country of View of Country of Count	, 20 1 a.	F, I have hereunto set my hand this day of James L. Eickhoff
On this	day of V	, 20]2, before me personally appeared James L.
		the person described in and who executed the foregoing
instrument, and he duly	acknowledged to me t	that he executed the same for the uses and purposes therein
set forth.		-
[SEAL]		Notary Public Jane and Bright Expires 2/19/2011
		The Bright
		expires 2/19/2011

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of
, 20
Chirag D. Parikh
STATE OF
STATE OF)) ss. COUNTY OF)
COUNTY OF)
On this day of, 20, before me personally appeared Chirag D.
Parikh 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
ard
IN TESTIMONY WHEREOF, I have hereunto set my hand this 3rd day of ,2012.
, 20 <u>12</u> .
Mary W Hor
Gregory W. Hoverson
STATE OF Tennessee) COUNTY OF Putnam)
COUNTY OF Putaging) ss.
·
On this 3 rdday of May, 2012, before me personally appeared Gregory W.
Hoverson 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
[SEAL] Jane and Bright
Notary Public To D
[SEAL] STATE OF TENNESSEE NOTARY PUBLIC PUBLIC Notary Public Tane Ann Bright Expires 2/19/2014
Expires 2/19/2011
THE WAY OF SUMMER

	, I have hereunto set my hand this _361 day of
MAY , 20 12.	
	Kevin C. South
STATE OF This accept	
STATE OF Tehnessee) COUNTY OF Putwam)	
	20/2, before me personally appeared Kevin C. person described in and who executed the foregoing
set forth AN BRIGHING	nat he executed the same for the uses and purposes therein
STATE OF OF SIEAL TENNESSEE	Notary Public Jane ann Bright Expires 2/19/1014
PUBLIC	Jane Ann Bright
THE WAY OF PURINITIES	Expires 2/19/1014
	I have hereunto set my hand this day of
-	
	Scott G. Manke
STATE OF	
STATE OF) ss. COUNTY OF)	
COUNTY OF)	
On this day of	, 20, before me personally appeared Scott G.
Manke 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 th	at he executed the same for the uses and purposes therein
set forth.	
[SEAL]	Notary Public
	riously rubiic

ASSIGNMENT

WHEREAS, we

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- 2. Travis E. Goodlund, residing at 4176 Lookout Trail, McFarland, WI 53558 and a citizen of United States
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- 4. Bryan P. Steffen, residing at 452 Lisa Court, Oregon, WI 53575 and a citizen of United States
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- 6. Aaron M. Wells, residing at 1170 Brotherton Dr., Cookeville, TN 38506 and a citizen of United States
- 7. Rahul B. Kallurwar, residing at 800 East Spring Street, Apt. T3, Cookville, TN 38501 and a citizen of India
- 8. James L. Eickhoff, residing at 2505 Dodson Branch Rd., Apt. 6, Cookeville, TN 38506 and a citizen of United States
- 9. Chirag D. Parikh, residing at 3326 Bradbury Road, Madison, WI 53719 and a citizen of India
- 10. Gregory W. Hoverson, residing at 4241 N. Riverside Dr., Columbus, IN 47203 and a citizen of United States
- 11. Kevin C. South, residing at 3464 Gra Mar Drive, Cookeville, TN 38506 and a citizen of United States
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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

PATENT REEL: 028310 FRAME: 0525 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of
May , 20 12.
Kent My Bredleau
Kurt M.A. Badeau
STATE OF WISCONSIN) SS. COUNTY OF JANE)
COUNTY OF LANE)
On this 3rd day of May, 2012, before me personally appeared Kurt M.A.
Badeau to me known and known to me to be the person described in and who executed the foregoing

set form.	
[SEAL]	Notary Public My commission expires on 2/7/16.
IN TESTIMONY WHEREOF, 2012.	I have hereunto set my hand this
STATE OF WSCONSIN) ss. COUNTY OF SANE)	
Goodlund to me known and known to me to be t	, 2012, before me personally appeared Travis E. he person described in and who executed the foregoing the executed the same for the uses and purposes therein
[SEAL]	Notary Public My commission expires on 2/7/16.

instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein

IN TESTIMON	Y WHEREOF	, I have here	eunto set my hand this	day of
, 20	# 			
		Ismail C.	Bagci	WWW.
OTIATE OF			-	
STATE OF)) ss.			
COUNTY OF)			
On this	lay of	, 20	_, before me personally ap	peared Ismail C.
Bagci to me known and known to	me to be the	person desc	ribed in and who executed	the foregoing
instrument, and he duly acknowled	edged to me tl	hat he execut	ted the same for the uses ar	nd purposes therein
set forth.				
[SEAL]				
		Notary Pu	Iblic	
IN TESTIMONY	WHEREOF,	, I have here	unto set my hand this	day of
	•			
		Aaron M.	Wells	
STATE OF	1			
STATE OF)) ss.			
COUNTY OF)			
On this d	ay of	, 20	_, before me personally ap	peared Aaron M.
Wells to me known and known to	me to be the	person desci	ribed in and who executed	the foregoing
instrument, and he duly acknowle	dged to me th	at he execut	ed the same for the uses an	d purposes therein
set forth.				
[SEAL]				
		Notary Pul	hlic	

	111 11/01/11		i, i nave ner	eunto set my hand this	day Oi
			Rahul B.	Kallurwar	
STATE OF)			
STATE OF) ss.)			
	On this	day of	, 20	, before me personally a	ippeared Rahul B.
Kallurwar to m	e known and	known to me to b	e the person	described in and who exe	cuted the foregoing
	he duly ack	nowledged to me	that he execu	ted the same for the uses a	and purposes therein
set forth.					
[SEAL]					
[]			Notary Pu	ıblic	
	TA T TOWN OFFICE	# #			
	IN TESTIM		F, I have here	unto set my hand this	day of
-		, 20			
			James L.	Eickhoff	
STATE OF)			
COUNTY OF _) ss.			
		·/			
	On this	day of	, 20	_, before me personally a	ppeared James L.
Eickhoff to me	known and k	mown to me to be	the person de	escribed in and who execu	ted the foregoing
instrument, and set forth.	he duly ackr	nowledged to me t	hat he execut	ed the same for the uses a	nd purposes therein
[SEAL]					
foruri			Notary Pu	hlic	

		the second second
I	N TESTIMONY WHEREO	F, I have hereunto set my hand this day of
MAY	<u>, 20 L</u> .	
·		Chirag D. Parikh
STATE OF A H	consol)	May committee ion ex
STATE OF	SCONS)) ss. SAHUE	
COUNTY OF _	JANUE)	
		by , 2012, before me personally appeared Chirag D. ne person described in and who executed the foregoing
		that he executed the same for the uses and purposes therein
[SEAL]		Notary Public My commission expires 2/7/16
	N TESTIMONY WHEREOI	F, I have hereunto set my hand this day of
		Gregory W. Hoverson
STATE OF	\	- 1
STATE OF) ss.)	
COUNTY OF)	
O	n this day of	, 20, before me personally appeared Gregory W.
Hoverson to me k	nown and known to me to be	e the person described in and who executed the foregoing
instrument, and he set forth.	e duly acknowledged to me t	hat he executed the same for the uses and purposes therein
[SEAL]		Notae D. 11.
		Notary Public

	IN TESTIMONY WHEREOF	F, I have hereunto set my hand this	day of
	, 20		
		Kevin C. South	
3		Keviii C. Boutii	
STATE OF)		
COUNTY OF _)) ss.)		
		, 20, before me personally app	
South to me kno	own and known to me to be the	person described in and who executed the	ne foregoing
instrument, and set forth.	he duly acknowledged to me the	hat he executed the same for the uses and	purposes therein
[SEAL]			
-		· Notary Public	44444
May	IN TESTIMONY WHEREOF , 20 <u>12</u> .	, I have hereunto set my hand this 3rd	_ day of
STATE OF _ U	DISCONSINI)		
COUNTY OF _) ss. \(\text{\text{ANF}} \)		
		, 2012, before me personally appe	
Manke to me kno	own and known to me to be the	e person described in and who executed t	he foregoing
instrument, and has to set forth.	ne duly acknowledged to me th	at he executed the same for the uses and	purposes therein
[SEAL]		Notary Public My commission exp	res 2/7/16.