			•	RI 2-29-20			Patent Attorne Attorne	epartment of and Tradem ey Docket No ey Customer	ark Office 5. 08350.54 Number: 2	84-0000 22,852
			Patent and I original do	Tra 10314590 cuments or copy thereof.)4	Ma	il Stop A	ssignment R	Recordation	Servic
1.	Name of	conveying p	parties:		2.	Name a	nd addres	ss of receiving	party:	9 8
	John D. G	Goddard			Name:	Cate	rpillar Inc	·.		U.S.
Addition	al name(s)	of convey	ing party(ies	s) attached? Yes No	Internal Addres		Intellec	tual Property	Department	
3. Nature of conveyance:					Street Address: 100 N.E. Adams Street		2 -			
\boxtimes	Assigni	ment	☐ Me	erger	City:	Peoria	4			
	Securit Agreen	- (☐ Ch	ange of Name	State:	IL		Zip Code:	61629-64	90
	Other:									
Execution	on Date:	Decembe	er 12, 2005		Addition	nai name(☐ Yes	s) & Addr	ress(es) attacl ⊠ No	ned?	
4.				number(s): If this document is be	ing filed t	together w	ith a new	application, t	he executio	n date
the application: December 12, 2005 A. Patent Application Number(s):					B. Patent Number(s):					
			Ac	Iditional numbers attached?	Yes		⊠ No			
5.	Name and address of party to whom correspondence concerning document should be mailed:				Total number of applications and registrations involved: One (1)					
Name:	Christop	hristopher P. Isaac 7. Total fee (37 CFR 1.21(h) and 3.41): \$40								
Internal	Address:		AN, HENDE ER, L.L.P.	RSON, FARABOW, GARRETT				lease charge 06-0916)	deficiency to	o depos
Street A	ddress:		York Avenu	ue, N.W.		Au	thorized t	to be charged	to deposit a	account
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•							Account	No.: <u>06-0916</u>		
			Zip:	20001-4413	8.	Deposit	Account	55 55 15	-	
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State: 9. To the b	pest of my ent.	knowledge	ature. and belief, t	the foregoing information is true a	and correct			d copy is a tru	e copy of th	
State: 9. To the b	Roland G	knowledge i. McAndred 41,450	ature. and belief, t	the foregoing information is true a	and corrections and corrections are the correc	ct and any	attached	d copy is a tru	e copy of th er 19, 2005	

PATENT REEL: 017395 FRAME: 0907

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.5484-00000 Client Ref, No. 05-484

ASSIGNMENT

WHEREAS I, the below named inventor, [hereinafter referred to as Assignor], have made an Invention entitled:

SYSTEM AND METHOD FOR CLEANING A FILTER

for which I executed an application for United States Letters Patent condurrently herewith; and

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 N.E. Adams Street, Peoria, IL 61629-6490 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignes is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, provisional application (if any), and this application, and all divisions, and continuations thereof, and all Letters F atent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set our hands.

FULL NAME OF SOLE OR FIRST ASSIGNOR John D. Goddard	ASSIGNOR'S SIGNATUR	DATE 12-12-28-5
ADDRESS 960 North Main Street, East Peoria, IL 616	11	CITIZENSHIP USA

Page 1 of 2

PATENT REEL: 017395 FRAME: 0908

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.5484-00000 Cllent Ref. No. 05-484

1. WITHESS NAME H. Meffert	WINESS SIGNATURE		DATE 12061
ADDRESS 390 County Rd	3028		CITIZENSHIP
Sparland, IL 61	565		AZU
2. WITNESS NAME David M Milam	WITNESS SIGNATURE	20 Lan	DATE 12-12-05
	_ = 20000	C C CEANS	
ADDRESS 510 W. Copperf.			CITIZENSHIP USA

Page 2 of 2

PATENT REEL: 017395 FRAME: 0909