502146878 11/30/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Neil Alan Terry	11/29/2012
James Carl Durand	11/29/2012
Joseph Lee Kennedy	11/29/2012

RECEIVING PARTY DATA

Name:	Caterpillar Inc.
Street Address:	100 N.E. Adams Street
Internal Address:	Intellectual Property Department
City:	Peoria
State/Country:	ILLINOIS
Postal Code:	61629-9510

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13691127

CORRESPONDENCE DATA

Fax Number: 2024084400

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-408-4000

Email: lauren.brown@finnegan.com

Correspondent Name: CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.

Address Line 1: 901 New York Avenue, NW

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20001-4413

ATTORNEY DOCKET NUMBER: 08350.0867-00000

NAME OF SUBMITTER: Lauren M. Brown

Total Attachments: 4

source=0867assignment#page1.tif source=0867assignment#page2.tif source=0867assignment#page3.tif source=0867assignment#page4.tif

> PATENT REEL: 029387 FRAME: 0351

OF \$40.00 1569112/

RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 08350.0867-00000						
To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.		Mail Stop Assignment Recordation Services						
Name of conveying party(ies): Neil Alan Terry James Carl Durand South Lee Kennedy		Name and address of receiving party(ies): Name: Caterpillar Inc.						
Additional name(s) of	conveying	party(ies)	attached? ☐ Yes ⊠ No	Internal Address: Intellectual Property Department				
3. Nature of cor	veyance:			Street Address: 100 N.E. Adams Street				
			Merger	City: Peoria				
☐ Security Agreer	nent		Change of Name	State:	IL		Zip Code:	61629-9510
Joint Research Agreement			Government Interest Assignment	Additional name(s) & Address(es) attached?			ned?	
Executive Orde Confirmatory Li			Other:		☐ Yes	;	⊠ No	
Execution Date: 1) November 29, 2012; 2) November 29, 2012; and 3) November 29, 2012								
			umber(s): If this document is be 2012; 2) November 29, 2012;				application, t	ne execution date of
A. Patent Application Number(s):			B. Patent Number(s):					
		Addi	itional numbers attached?	Yes		□No		
5. Name and acconcerning de	ldress of pa	arty to who	om correspondence nailed:	6.	Total n	umber of a	pplications ar	nd patents involved: 1
Name: Dominic P. 0			(202) 408-4000	7.	Total fe	ee (37 CFF	1.21(h) and	3.41): \$40
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.						leficiency or credit count 06-0916)		
Street Address: 90	1 New Yor	k Avenue	, N.W.		А	uthorized to	o be charged	to deposit account
City: Wash	ington, D.C	D .						
State:	Zi	ip:	20001-4413	8.	Depos	t Account I	No.: <u>06-0916</u>	
9. Statement an	9. Statement and signature.							
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.								
Signed:		/Domii	nic P. Ciminello/				November 3	30, 2012
		Do	minic P. Ciminello / Reg. No. 5	4,038			Da	ate

Total number of pages including cover sheet, attachments and documents: 4

6/2007

PATENT REEL: 029387 FRAME: 0352

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0867-00000 Client Ref. No. 12-0029

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

COOLING SYSTEM HAVING SHOCK REDUCING VALVE

for which I/We will or have filed a patent application; and

WHEREAS, Caterpillar Inc., a corporation of Delaware, whose post office address is Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-9510 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), 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/our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/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 any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, I/WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in

parentheses the country, application number, and official filing date (Application No. ____

filed). IN TESTIMONY WHEREOF, I/We have	e hereunto set our hands.	
FULL NAME OF SOLE OR FIRST ASSIGNOR Neil Alan Terry	ASSIGNOR'S SIGNATURE	DATE [1/29/2012
ADDRESS 202 E. Miller Road, Edelstein, IL 61526	- Commence of the Commence of	CITIZENSHIP US
	·	

Page 1 of 3

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0867-00000 Client Ref. No. 12-0029

1. WITNESS NAME	WITNESS SIGNATURE	DATE
James M. Voelker	ann	11/29/2012
ADDDEES		CITIZENSHIP
316 Townhall Rd Met	cimera. Il	us
- ANTENDO MANE	WITNESS SIGNATURE () //	DATE
2. WITNESS NAME		11/20/-
Malura C. Marlis	I MAMMUA NOVA	11/4/12
ADDRESS		CITIZENSHIP
WILLIAM C. MORRIS ADDRESS 10510 SUNRISE CT. PE	DRIA, 14 6/6/5	USH
10)10 00100000	<u> </u>	
2 SHILL NAME OF SECOND ASSIGNOR IF ANY	ASSIGNOR'S SIGNATURE //	DATE
2. FULL NAME OF SECOND ASSIGNOR, IF ANY James Carl Durand	assignor's signature was	Nov 29,2012
	James Coloures	
		CITIZENSHIP
ADDRESS	r OF	
12806 N. Duggins Road, Dunlap, IL 615	25	US
12806 N. Duggins Road, Dunlap, IL 615	25	
12806 N. Duggins Road, Dunlap, IL 615	25	
12806 N. Duggins Road, Dunlap, IL 615	25	
1. WITNESS NAME	25 WITNESS SIGNATURE	
1. WITNESS NAME	WITNESS SIGNATURE	DATE
12806 N. Duggins Road, Duniap, IL 615		DATE 11/24/2012
1. WITNESS NAME Sames M. Voelker	WITNESS SIGNATURE AMURA AMURA BANGARA BANGAR	DATE 11 / 29 / 2012 CITIZENSHIP
1. WITNESS NAME Sames M. Voelker	WITNESS SIGNATURE AMURA AMURA BANGARA BANGAR	DATE 11/24/2012
1. WITNESS NAME Sames M. Voelker	WITNESS SIGNATURE AMURA AMURA BANGARA BANGAR	DATE 11 / 29 / 2012 CITIZENSHIP
1. WITNESS NAME Sames M. Voelker	WITNESS SIGNATURE AMURA AMURA BANGARA BANGAR	DATE 11 / 29 / 2012 CITIZENSHIP
1. WITNESS NAME Sames M. Voelker	WITNESS SIGNATURE AMURA AMURA BANGARA BANGAR	DATE 11 / 29 / 2012 CITIZENSHIP
1. WITNESS NAME Sames M. Voelkes ADDRESS 316 Town hell Rd M.	WITNESS SIGNATURE AMURA AMURA BANGARA BANGAR	DATE 11/24/2012 CITIZENSHIP LAS DATE
1. WITNESS NAME James M. Voelker ADDRESS 3/6 Journ hall Rd M.	WITNESS SIGNATURE JANUA etapaora, IL 61548	DATE 11/29/2012 CITIZENSHIP LAS DATE
1. WITNESS NAME James M. Voelkes Address 3/6 John hall Rd M.	WITNESS SIGNATURE JANUA etapaora, IL 61548	DATE 11 / 24 / 2012 CITIZENSHIP 1.25 DATE 11 / 24 / 2013
1. WITNESS NAME James M. Voelker ADDRESS 3/6 Town hall Rd M. 2. WITNESS NAME JORDAN D. BILYEU ADDRESS	WITNESS SIGNATURE Haymora, IL 61548 WITNESS SIGNATURE WITNESS SIGNATURE	DATE 11/29/2012 CITIZENSHIP LAS DATE 11/29/2012 CITIZENSHIP
1. WITNESS NAME James M. Voelker ADDRESS 3/6 John hall Rd M. 2. WITNESS NAME JORDAN O. BILYEN ADDRESS	WITNESS SIGNATURE JANUA etapaora, IL 61548	DATE 11 / 24 / 2012 CITIZENSHIP 1.25 DATE 11 / 24 / 2013
1. WITNESS NAME James M. Voelker ADDRESS 3/6 Town hall Rd M. 2. WITNESS NAME JORDAN D. BILYEU ADDRESS	WITNESS SIGNATURE Haymora, IL 61548 WITNESS SIGNATURE WITNESS SIGNATURE	DATE 11/29/2012 CITIZENSHIP LAS DATE 11/29/2012 CITIZENSHIP

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.0867-00000 Client Ref. No. 12-0029

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Joseph Lee Kennedy	ASSIGNOR'S SIGNATURE	DATE
ooopii moo itoiiiiowj	low for	11-29-12
ADDRESS 311 SW Water St. #408, Peoria, IL 61602	2	CITIZENSHIP US
1. WITNESS NAME		
Tim Aeschliman	WITNESS SIGNATURE	11-29-12
ADDRESS 21281 Tullamore Ra	CITIZENSHIP	
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Nicholas J. Crisper	Michigan O Caroper	11-29-2012
ADDRESS 1010 Stonelake Ct. Meternora II	L 61548	CITIZENSHIP
1		

RECORDED: 11/30/2012