

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4181934

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	XINYU GE	12/12/2016
RECEIVING PARTY DATA		
Name:	CATERPILLAR INC.	
Street Address:	100 NE ADAMS ST.	
Internal Address:	AH 9510	
City:	PEORIA	
State/Country:	ILLINOIS	
Postal Code:	61629	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15376764
CORRESPONDENCE DATA		
Fax Number:	(309)675-1236	
<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>		
Phone:	3096362223	
Email:	US_Docket_Clerk@cat.com	
Correspondent Name:	CATERPILLAR INC. INTELLECTUAL PROPERTY D	
Address Line 1:	100 N.E. ADAMS STREET	
Address Line 2:	AH 9510	
Address Line 4:	PEORIA, ILLINOIS 61629-9510	
ATTORNEY DOCKET NUMBER:	16-1893	
NAME OF SUBMITTER:	KELLY A UMHOLTZ	
SIGNATURE:	/kelly a umholtz/	
DATE SIGNED:	12/13/2016	
Total Attachments: 2		
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source=16-1893-US-Assignment#page2.tif		

ASSIGNMENT

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

HYBRID THERMOSTAT AND METHOD FOR OPERATING SAME

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

WHEREAS, **Caterpillar Inc.**, a corporation of **Delaware**, whose post office address is **100 NE Adams Street, Peoria, IL 61629, US** (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;

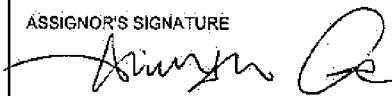
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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 patents which may be granted on 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;

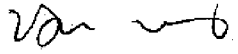
AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF FIRST ASSIGNOR Xinyu Ge	ASSIGNOR'S SIGNATURE 	DATE Dec 12, 2016
ADDRESS 2013 W Forestglan Dr Peoria IL 61615		CITIZENSHIP CN

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 16-1893
Client Ref. No. _____

1. WITNESS NAME Nana Guo	WITNESS SIGNATURE 	DATE 12/12/2016
ADDRESS 10512 N Sleepy Hollow Rd, Peoria, IL		CITIZENSHIP USA

2. WITNESS NAME ZHONGHUA ZHANG	WITNESS SIGNATURE 	DATE Dec 12, 2016
ADDRESS 2205 W. casecreek Dr Peoria IL 61615		CITIZENSHIP Canada