

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5973615

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHEW T. WOLK	11/19/2019
SAMUEL WERE	11/18/2019
JAMES MUTTI	11/18/2019
BRIAN P. BRENNAN	12/02/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CATERPILLAR INC.
<b>Street Address:</b>	100 NE ADAMS STREET
<b>City:</b>	PEORIA
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61629-9510
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16725303
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	5714320800
<b>Email:</b>	llarson@harrityllp.com
<b>Correspondent Name:</b>	HARRITY & HARRITY, LLP
<b>Address Line 1:</b>	11350 RANDOM HILLS ROAD
<b>Address Line 2:</b>	SUITE 600
<b>Address Line 4:</b>	FAIRFAX, VIRGINIA 22030
<b>ATTORNEY DOCKET NUMBER:</b>	19-1029US01
<b>NAME OF SUBMITTER:</b>	SARA STESNEY
<b>SIGNATURE:</b>	/Sara Stesney/
<b>DATE SIGNED:</b>	02/20/2020
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

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

### COOLING CONTROL SYSTEM

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, Illinois 61629-9510, U.S.A.** (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 ( US  
Application No. 16/725,303, filed December 23, 2019 ).

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 0101-0196  
Client Ref. No. 19-1029US01

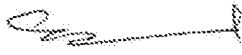
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.


FULL NAME OF SOLE OR FIRST ASSIGNOR Matthew T. WOLK	ASSIGNOR'S SIGNATURE <i>Matt T. Wolk</i>	DATE 11/19/19
ADDRESS 10205 N. Forrest Dr, Peoria, IL 61615 US		CITIZENSHIP U.S.


1. WITNESS NAME <i>Ethan Banducci</i>	WITNESS SIGNATURE <i>Ethan Banducci</i>	DATE 11/19/19
ADDRESS 7014 N Water Oak Drive Edwards, IL 61528 US		CITIZENSHIP U.S.

2. WITNESS NAME <i>Corey Enderle</i>	WITNESS SIGNATURE <i>Corey Enderle</i>	DATE 11/20/19
ADDRESS 1001 Hickory Creek Ct, Germantown Hills, IL 61548		CITIZENSHIP US

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

FULL NAME OF ASSIGNOR Samuel WERE	ASSIGNOR'S SIGNATURE 	DATE 11/18/2019
ADDRESS 2340 W Carriage Lane, Peoria, IL 61614 US		CITIZENSHIP US

1. WITNESS NAME Behnaz Ensan	WITNESS SIGNATURE 	DATE 11/18/19
ADDRESS 5801 N Lindenwood Dr. Apt 2806, Peoria, IL 61615		CITIZENSHIP Canadian

2. WITNESS NAME Austin Bierle	WITNESS SIGNATURE 	DATE 11/18/19
ADDRESS 1500 W Blue Sage Dr. Apt 1209 Peoria, IL 61615		CITIZENSHIP US

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

FULL NAME OF ASSIGNOR James MUTTI	ASSIGNOR'S SIGNATURE <i>James Mutti</i>	DATE 11/18/2019
ADDRESS 228 Karagen Circle, Germantown Hills, IL 61548 US		CITIZENSHIP US

1. WITNESS NAME <i>Austin Bierle</i>	WITNESS SIGNATURE <i>Austin Bierle</i>	DATE 11/18/19
ADDRESS 1500 W. Blue Sage Dr. Apt. 1209 Peoria, IL 61615		CITIZENSHIP US

2. WITNESS NAME <i>Behnaz Ensan</i>	WITNESS SIGNATURE <i>Ensan</i>	DATE 11/18/19
ADDRESS 5801 N Lindenwood Dr. Apt 2806, Peoria, IL 61615		CITIZENSHIP Canadian

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

FULL NAME OF ASSIGNOR Brian P. BRENNAN	ASSIGNOR'S SIGNATURE <i>Brian Brennan</i>	DATE 12/02/2019
ADDRESS 3148 Butler Ave, Steger, IL 60475 US		CITIZENSHIP U.S.A.

1. WITNESS NAME Kent Schonert	WITNESS SIGNATURE <i>Kent Schonert</i>	DATE 12/2/2019
ADDRESS <i>Kent Schonert</i>		CITIZENSHIP U.S.A.
10805 N Honeycreek Ln, Dunlap IL 61525		

2. WITNESS NAME Daniel Wentzel	WITNESS SIGNATURE <i>Daniel Wentzel</i>	DATE 12/2/2019
ADDRESS 2017 W Cloverdale Rd. Chittico, IL 61522		CITIZENSHIP US