## 504687124 12/14/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4733846

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ERNEST EVERETT STOOPS	10/26/2017
WILLIAM NORBERT O'NEILL	10/25/2017
BRUCE RAYMOND VAHLING	10/24/2017

## **RECEIVING PARTY DATA**

Name:	CATERPILLAR INC.
Street Address:	100 NE ADAMS STREET
Internal Address:	AH 9510
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629-9510

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15841384

## **CORRESPONDENCE DATA**

**Fax Number:** (309)675-1236

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.

**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:	17-0761
NAME OF SUBMITTER:	HEATHER D. CLARK
SIGNATURE:	/Heather D. Clark/
DATE SIGNED:	12/14/2017

# **Total Attachments: 6**

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PATENT 504687124 REEL: 044393 FRAME: 0646

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PATENT REEL: 044393 FRAME: 0647

SOLE	///ITMIOL\	/ENTION
	(Worldwid	le Rights)
Attorney	Docket No	).
	lient Ref. N	

## **ASSIGNMENT**

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

#### SYSTEM FOR OPERATING A CIRCLE DRIVE GEAR OF A MACHINE

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, USA (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,	IWE	HEREBY	authorize	the	attorneys/	representativ	ves that	IWE	have	empov	vered	to	prosecute	this
application to	insert	here in	parenthese	s th	e country,	application	number	and	official	filina	date	(	•	
Application No	•		, filed			).			4.5.5		******	٠. ٠	····	
• •	•			***************************************										
IN TES	STIMO	NY WHE	REOF, I/We	e hav	re hereunto	set our han	ids.							

1. FULL NAME OF FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Ernest Everett Stoops	Einest E. Tope	10/26/17
ADDRESS :		CITIZENSHIP
111 Wildwood Court, Apt. 9, Decatur, IL	US	

Page 1 of 2

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. \_\_\_\_\_ Client Ref. No. 17-0761

1. WITNESS NAME  DWANZ MWASI	WITNESS SIGNATURE: ,	0ATE 3017-10-26
ADDRESS		CITIZENSHIP
665 Crestline Orive, becatur	, IL 62526 USA	US

2. WITNESS NAME Anna Hoffmann	witness signature Anna Huffmann	DATE 10-26-2017
ADDRESS 2707 TWIN Oaks Cd.	, Apt 89, Decatur, IL, 62526	CITIZENSHIP. US A.

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. \_\_\_\_\_\_ Client Ref. No. 17-0761

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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 the application to insert here in parentheses the Application No filed	attorneys/representatives that t/WE hav ⇒ country, application number, and offic ).	
IN TESTIMONY WHEREOF, I/We hav	e hereunto set our hands.	
2. FULL NAME OF SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
William Norbert O'Neill	While Mill	10/25/2017
ADDRESS :		CITIZENSHIP
619 County Rd 1600 E, Eureka, IL 61530		US
•		
L <del></del>		······································

Page 1 of 2

PATENT REEL: 044393 FRAME: 0650

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. \_\_\_\_ Client Ref. No. 17-0761

1. WITNESS NAME  Darren Hoof	WITNESS SIGNATURE  Dawr HH	DATE /0/25/2017
ADDRESS 2407 W Carriage L.	r Aeoria IL	CITIZENSHIP USA
,		
2. WITNESS NAME Michael T Jackson	WITNESS SIGNATURE	DATE /0/75/2017
ADDRESS 9901 Dorset, Hanna (	C.1, II	CITIZENSHIP USA

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No
Client Ref. No. 17-0761

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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;

	e the attorneys/representatives that i/vvc have enters the country, application number, and official fil			
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.				
3. FULL NAME OF THIRD ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE		
Bruce Raymond Vahling	An & Van	24 OCT 2017		
ADDRESS :		CITIZENSHIP		
1574 CR 2200N Urbana IL, 61802		US		

Page 1 of 2

1. WITNESS NAME Frank Hoffmann	witness signature Anna Hoffmann	DATE 10-24-2017
ADDRESS 2707 TWIN Daks C	., Apt 89, Decatur, IL, 62526	CITIZENSHIP US A
2 WITNESS NAME BENJAMIN KOVALICK	WITNESS SIGNATURE	DATE 10-24-2017
ADDRESS 8090 DAMON R	S., DECATUR, 12 62526	CITIZENSHIP USA

**RECORDED: 12/14/2017**