504991567 07/06/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID C. ATKINSON	07/05/2018
JEREMY PETERSON	07/02/2018
NAVEEN KUMAR S. APROOP	07/03/2018
JEREMY R. COUCH	07/02/2018

RECEIVING PARTY DATA

Name:	CATERPILLAR INC.	
Street Address:	510 LAKE COOK ROAD, SUITE 100	
City:	DEERFIELD	
State/Country:	ILLINOIS	
Postal Code:	60015	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16028096

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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: (312) 616-5600

Email: assignments@leydig.com
Correspondent Name: CHARLES S. COHEN

Address Line 1: LEYDIG, VOIT & MAYER, LTD.

Address Line 2: 180 NORTH STETSON AVE., SUITE 4900

Address Line 4: CHICAGO, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	739296 (18-0276-67881)
NAME OF SUBMITTER:	CHARLES S. COHEN
SIGNATURE:	/Charles S. Cohen/
DATE SIGNED:	07/06/2018

Total Attachments: 5

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PATENT REEL: 046278 FRAME: 0378

ASSIGNMENT

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

ENGAGEMENT CONTROL SYSTEM AND METHOD

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

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 510 Lake Cook Road, Suite 100, Deerfield, IL 60015 (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 caths 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 HER								
parentl	neses the country	, application nu	umber, and	official fi	ling date (U	.S. Patent /	Application No	o. <u>16/028,0</u>	96 ,
filed	July 5, 2018) ,						

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

FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNAR'S SHANATUME	DATE
David C. Atkinson		7/5/2018
ADDRESS		CITIZENSHIP
2414 W. Marks Place		USA

1. WITNESS NAME Chad L Kassube	VIITNIGSS STOCKATURE	0ATE 7/5/2018
SOB W. Hudson		CITIZENSHIP USA
Peoria, 21 61604		

2. WITNESS NAME Jason Padiak	WITNESS SIGNATURE	DATE 7/5/18
ADDRESS 322 Pinecrest Dr.		CITIZENSHIP USA
Germantown Hills, I		

FULL NAME OF SECOND ASSIGNOR, IF ANY Jeremy Peterson	ASSIGNOR'S SIGNATURE	7/02/18
ADDRESS 24553 Pleasant View R	22 Washington IL 61571	CITIZENSHIP USA

1. WITNESS NAME By an A. Kingdon	WITNESS SIGNATURE Regard	DATE 87/02/18
702 Wi Scotfu	ood Dr Jeona, IL 6/6/5	CITIZENSHIP US/T

2. WITNESS NAME Scott A. Kammayer	WITNESS SIGNATURE	DATE 03/41/2013
ADDRESS 2904 W Singling Woods Road	Dunley 1L 61525	CITIZENSHIP U.S. A

FULL NAME OF THIRD ASSIGNOR, IF ANY Naveen Kumar S. Aproop	ASSIGNOR'S SIGNATURE	DATE
ADDRESS 3883 OLD CREEK	RD	CITIZENSHIP INDIA
TROY, MI 48084		

1. WITNESS NAME	WITNESS SIGNATURE	DATE
MAJ KUMAR CHANDU	Maglimos	07/03/18
ADDRESS	` `	CITIZENSHIP
5299, Cloistes E) {	JNDIAN
TROY, MI 4	8085	

>7/03/19
TIZENSHÎP *
<u> Endian</u>
2 T

1. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Jeremy R. Couch	Jeung h. Carel	7/2/18
ADDRESS	V	CITIZENSHIP
III Mill Run Ln, Sanford, No	27330	USA

1. WITNESS NAME		WITNESS SIGN	ATURE	DATE
Thomas	Hepner	THUM	11/11/11	7/2/2018
ADDRESS		······································		CÍTIZENSHIP
361 The	Greens Circle	APT 444	Raleigh, NC 27606	U5A
				·

2, WITNESS NAME	WITNESS SIGNATURE	DATE
John Markham	142	7/2/2018
ADDRESS		CITIZENSHIP
1100 Elwry Dr.	Aprx, NC 27502	

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