PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5420841

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATISH HULIYAR	03/05/2019
BRADLEY BOONE	03/04/2019
AARON DUNAWAY	03/04/2019
BRAD VAN DE VEER	03/08/2019
CHRISTIAN RITCHIE	03/05/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	29683546	

CORRESPONDENCE DATA

Fax Number:

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.

Email: docketing@designlawgroup.com

Correspondent Name: GEORGE D. RAYNAL **Address Line 1:** 8601 GEORGIA AVENUE

Address Line 2: SUITE 603

Address Line 4: SILVER SPRING, MARYLAND 20910

ATTORNEY DOCKET NUMBER:	1607.180 (18-1358-70789)
NAME OF SUBMITTER:	ANASHEIA BAXTER
SIGNATURE:	/Anasheia Baxter/
DATE SIGNED:	03/14/2019

Total Attachments: 8



ASSIGNMENT

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

MOTOR GRADER

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, Illinois 60015, United States of America (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;

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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 (U.S. App. No. <u>tba</u>, filed <u>herewith</u>).

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

WWW.	000000000000000000000000000000000000000	
1. PULL NAME OF THE FIRST ASSIGNOR Satish HULIYAR	ASSIGNOR'S SIGNATURE	DATE OS-MAR-2019
ADDRESS D. D. 60× 19	35	CITIZENSHIP
DEORIA 14	61656	
	***************************************	***************************************
1. WITNESS NAME	WIINESS SIGNATURE	DATE
Ethan Tevis		05-MAR-2019
ADDRESS 10423 LYONHEART LN		CELIZENSHIP USA
BLOOMINGTON, IL 6	51705	

3	000000000000000000000000000000000000000	
2. WITNESS NAME	WITNESS SIGNATURE	DATE
	witness signature K.L.	05 TMAR ~2019
	witness signature Keg	
	WITNESS SIGNATURE KQL	05 TMPR ~2019
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	WITNESS SIGNATURE KQL	05 TMPR ~2019
	WITNESS SIGNATURE KQL ASSIGNOR'S SIGNATURE	05 TMPR ~2019
Kalpit Poemeni ADDRESS 783 Spyglas bland Forsyth IL 62535		OS TMAR ~2019 CITIZENSHIP VI A
Kalpit Poemeni ADDRESS 783 Sprafa blad Forsyth IL 62535		OS TMAR ZOIS CITIZENSHIP VIA

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

1. FULL NAME OF THE FIRST ASSIGNOR Satish HULIYAR	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSFIIP

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADORESS		CITIZENSHIP
		333333333333333333333333333333333333333
2. WITNESS NAME	WITNESSSIGNATURE	DATE
ADDRESS		CHIZENSHIP
2. FULL NAME OF THE SECOND ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Bradley BOONE	Bradley Boone	3/4/19
ADDRESS 3696 Castle Rock Drive		CITIZENSHIP UNITED STATES
Decator, II 62521		

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PATENT

REEL: 048592 FRAME: 0622

1. WITNESS NAME	WITNESS SIGNATURE 8	DATE
1.700 1.100 113 1 1100 101 1	1 Buyenin Well	3/4/19
ADDRESS TO MESSA SA.	Not 3	CITIZENSHIP UNACO SIGNOS
Spring field III - G	2762	
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Craig CoTterman	Pay Cottern	3/4/19
To Park Ct.		CITIZENSHIP U. 5.A.
Craig Catterman ADDRESS 16 Park Ct. Oreana, IL 62554		

3. FULL NAME OF THE THIRD ASSIGNOR	ASSIGNORS SIGNATURE	DATE
Aaron DUNAWAY		
ADDRESS		CITIZENSEIP
1. WIINESS NAME	WITNESS SIGNATURE	
	WI MEOU SIGNATURE	DATE
AODRESS		CITIZENSFIIP
2. WIINESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSIAIP

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PATENT

REEL: 048592 FRAME: 0623

1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
2. WITNESS NAME	- WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP
		444444444444444444444444444444444444444
3. FULL NAME OF THE THIRD ASSIGNOR Aaron DUNAWAY	ASSIGNORS SIGNATURE	date 3 - 4 - 19
ADDRESS 10917 N Modes (F BrimAdd IL 61517	CITIZENSHIP
1. WITNESS NAME	WITNESS SIGNATURE	DATE
LANCE SAUL ADDRESS 10525 CHURCHIL DR, PEOR	***	3-4-19 CTTZENSHIP US
man comment of the	358, WE 10161 D	Net sout
5		
2. WITNESS NAME Jon Anderton	WITNESS SIGNATURE	date 3-4-/9
ADDRESS 3626 W Chart We	ell Rd, Feoria IL 6/6/4	CITIZENSHIP (/\S

4. FULL NAME OF THE FOURTH ASSIGNOR Brad VAN DE VEER	assignows signature/ D-aDR, Van D. Cec	date 3 - 8-79
ADDRESS 1029 DALLAS ROAD	JASHING TON IL. GISTI	CITYENSHIP
	, , , , , , , , , , , , , , , , , , ,	U.S.A
1. WITNESS KAME	WITNESS SIGNATURE	ĎAŤE
GARLY C EPYANT		23/28/2019
ADDRESS 3572 KAST CECAR EXA	or the callectine, it. 61575	CITIZENSHIP USA
2 WITNESS NAME CHALSTEAN PETCHEE	WITNESS SICRATURE	DATE /08/2019
- 1.1.3. a 2.3	572 Merzon 12 61550	CITIZEASHIP
		USA
5. FULL NAME OF THE FIFTH ASSIGNOR	ASSIGNUR'S SIONATURE	DATE
Christian RITCHIE		
ADORESS		CETZENSHIP
1. WITNESS NAME	WITNESS SIGNATURE	BVIE
ADORESS		CHTEENSHIP

4. FULL NAME OF THE FOURTH ASSIGNOR Brad VAN DE VEER	ASSIGNOR'S SIGNATURE	DATE
ADDRESS:		CTUZENSHIP
1. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

2. WTINESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CTTIZENSHIP
5. FULL NAME OF THE PIPTH ASSIGNOR Christian RITCHIE	ASSIGNOR'S SIGNATURE	DATE 2019-03-05
ADDRESS 1018 Summerset St. Morton IL 61550		CTTIZENSHIP
		USA
i. witness name Terril Johnson	WITNESS SICHATURE	DATE 2019-03-05
ADDRÉSS 4 Anthony Ct. Washingto		CITIZENSHIP.
	, , , , , , , , , , , , , , , , , , , ,	USA

2. WITNESS NAME	WITNESS SIGNATURE	DATE
David E. Cooper		2019-03-05
ADDRESS 3418 E, PINERLOGO	TOR,	CITIZENSHIP CLS/A
CHILLICOTHE,	1 <u> 61523</u>	USA

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