505130711 10/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5177473

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZACHARY A. SCHRAMM	10/05/2018
BRIAN G. TYLER	10/08/2018
BRADLEY J. BRIARS	10/05/2018

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:	29665844

CORRESPONDENCE DATA

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Email: regional-desk@finnegan.com

CATERPILLAR/FINNEGAN, HENDERSON, L.L.P. **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	08350.2536-00000	
NAME OF SUBMITTER:	MITTY A. WATTERS	
SIGNATURE:	/Mitty A. Watters/	
DATE SIGNED:	10/08/2018	

Total Attachments: 4

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PATENT REEL: 047093 FRAME: 0073

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350,2536-00000 Client Ref. No. 18-0682

ASSIGNMENT

WHEREAS I/We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

HAMMER NUT

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 (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 HER	EBY authorize Assignee or	the attorneys/representation	ves of Assignee to inse	irt here in
	, application number, and of		Application No.	
filed 1	•	•••	· · ·	

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PATENT REEL: 047093 FRAME: 0074

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350,2536-00000 Client Ref. No. 18-0682

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

1. FULL NAME OF FIRST ASSIGNOR Zachary A. SCHRAMM ADDRESS 215 Cedarwood Ln. Antioch, IL 60002-1613	ASSIGNOR'S SIGNATURE	DATE / / 8 CITIZENSHIP US
3. WITNESS NAME	WITNESS SIGNATURE	DATE /0/5 /18
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2. FULL NAME OF SECOND ASSIGNOR Brian G. TYLER	ASSIGNOR'S SIGNATURE L L L L L L L L L L L L L L L L L L	10/8/2018
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1. WITNESS NAME ZACHARY A. SCHRAMM	WITNESS SIGNATURE	10/8/2018
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2. FULL NAME OF THIRD ASSIGNOR Bradley J. BRIARS	ASSIGNOR'S SIGNATURE	DATE
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